





# INDEX OF PATENTS

RELATING TO

# ELECTRICITY,

EMBRACING PATENTS ISSUED BY

THE UNITED STATES PATENT OFFICE

FROM JULY 1, 1894, TO JUNE 30, 1895.

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## APPENDIX No. XIV.

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COMPILED UNDER THE DIRECTION OF THE COMMISSIONER OF PATENTS.

282523

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1896.



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## APPENDIX No. XIV.

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### PART I.

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CONSISTING OF A

### SUB-CLASS INDEX OF ALL PATENTS

RELATING TO

### ELECTRICITY.

Issued from July 1, 1894, to June 30, 1895, inclusive, giving names of Inventors,  
and dates and numbers of Patents in each sub-class in  
numerical and chronological order.

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# CLASSIFIED INDEX

OF

## PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1894, TO JUNE 30, 1895.

### 173. CONDUCTORS.—13. CONDUCTORS.

No.	NAME.	DATE.	No.	NAME.	DATE.
523,160	Blakesley, G. H -----	July 17, 1894	529,413	Robinson, J -----	Nov. 20, 1894
524,066	Macfarlane, D -----	Aug. 7, 1894	530,399	Crosby and Locke -----	Dec. 4, 1894
524,100	Beardsley, L. S -----	Aug. 7, 1894	533,607	O'Neill, H. G -----	Feb. 5, 1895
524,343	McCracken, E. D -----	Aug. 14, 1894	534,021	Swan, F. A -----	Feb. 12, 1895
526,721	Macfarlane, D -----	Oct. 2, 1894	534,596	Atwood, G. F -----	Feb. 19, 1895
526,722	Macfarlane, D -----	Oct. 2, 1894	534,785	Downes, L. W -----	Feb. 26, 1895
527,414	Deweese, T. J -----	Oct. 16, 1894	534,786	Downes, L. W -----	Feb. 26, 1895
527,556	Houston, E. J -----	Oct. 16, 1894	535,084	Stillwell and Scott -----	Mar. 5, 1895
528,301	Montgomery, A. F -----	Oct. 30, 1894	535,592	Lillie, N. W -----	Mar. 12, 1895
529,216	Fatham, J -----	Nov. 13, 1894	536,857	Dion, L -----	Apr. 2, 1895
529,127	Lowe, E. A -----	Nov. 13, 1894	538,020	Hubershaw, W. M -----	Apr. 23, 1895
529,411	Robinson, J -----	Nov. 20, 1894	540,540	Crosby and Locke -----	June 4, 1895
529,412	Robinson, J -----	Nov. 20, 1894	540,687	Randall, F. S -----	June 11, 1895

### 173. CONDUCTORS.—70. CONDUCTORS—UNDERGROUND.

522,664	Kleinsteuber and Kleinsteuber.	July 10, 1894	533,130	Kingsley, W -----	Jan. 29, 1895
524,977	Cummings, J. F -----	Aug. 21, 1894	535,998	Ruete, W. T -----	Mar. 19, 1895
525,670	Segade and Regan -----	Sept. 4, 1894	539,796	Close, T. J -----	May 28, 1895
526,141	Bloomer, W. C -----	Sept. 18, 1894	540,691	Ruete, W. T -----	June 11, 1895
528,291	Cummings, J. F -----	Oct. 30, 1894	541,552	Kingdon, J. A -----	June 25, 1895
530,951	La Pointe, Flanagan and Thompson.	Dec. 18, 1894			

### 173. CONDUCTORS.—14. CONNECTORS.

522,349	Meyer, J -----	July 3, 1894	533,910	Metzger, A -----	Feb. 12, 1895
522,370	Herman, R -----	July 3, 1894	534,586	Stratton, S. W -----	Feb. 19, 1895
522,999	McCulloch, A. H -----	July 17, 1894	534,732	Titcomb, R. D -----	Feb. 26, 1895
523,278	Hallas, J. G -----	July 17, 1894	536,153	McEvoy, C. H -----	Mar. 19, 1895
523,284	Johnston, A. L -----	July 17, 1894	536,655	Richards, W. L -----	Apr. 2, 1895
524,980	Hall and Lillard -----	Aug. 21, 1894	537,920	Faulkner, J. M -----	Apr. 23, 1895
526,075	Henck, J. B -----	Sept. 18, 1894	538,083	Osyor, D. N -----	Apr. 23, 1895
526,142	Book, D. D -----	Sept. 18, 1894	538,423	Koenig and Mann -----	Apr. 30, 1895
522,529	Brown, C. W -----	Nov. 6, 1894	538,458	Myers, L. E -----	Apr. 30, 1895
522,755	Nichols and Lincoln -----	Nov. 6, 1894	538,904	Faulkner, J. M -----	May 7, 1895
530,066	Cartwright, D. J -----	Nov. 27, 1894	539,017	Fowler, W -----	May 7, 1895
530,651	Reed, C. J -----	Dec. 11, 1894	539,024	Bell, F. M -----	May 14, 1895
531,445	Moxham, A. J -----	Dec. 25, 1894	539,616	Green, A -----	May 21, 1895
532,185	Rieth, P -----	Jan. 8, 1895	539,825	Rieth, P -----	May 28, 1895
532,588	Schindler Jenny, F. W -----	Jan. 15, 1895	539,931	Buxton, F. E -----	May 28, 1895
533,221	Jacobs, M. M -----	Jan. 29, 1895	541,259	Baker and Brinker -----	June 18, 1895
533,261	Zimmels and Bonrnouville -----	Jan. 29, 1895			

### 173. CONDUCTORS.—243. HOUSE WIRING.

533,983	Trapbagen and Fitzpatrick -----			May 7, 1895
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## CLASSIFIED INDEX—ELECTRICITY.

## 173. CONDUCTORS.—28. INSULATORS.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
522,302	Nashold, E	July 3, 1894	531,423	McCarthy, L	Dec. 25, 1894
522,424	Mace, R	July 3, 1894	531,635	Iske, A	Jan. 1, 1895
523,653	Ball, H. P.	July 31, 1894	531,702	Swift and Maintin	Jan. 1, 1895
524,659	Winslow, G. H.	Aug. 14, 1894	532,101	Rothenberger, D. M.	Jan. 8, 1895
524,850	Hammond, C. N.	Ang. 21, 1894	532,160	Law, M. D.	Jan. 8, 1895
525,001	Bradley, L. W.	Ang. 28, 1894	535,660	Belcher, W. J.	Mar. 12, 1895
525,891	Friekie, H. C.	Sept. 11, 1894	536,184	Case, F. E.	Mar. 26, 1895
526,472	Webster, G	Sept. 25, 1894	536,684	Creager, F. O.	Apr. 2, 1895
526,498	Osyor, D. N.	Sept. 25, 1894	537,718	Rothenberger, D. M.	Apr. 16, 1895
527,254	Trimble, W. D.	Oct. 9, 1894	539,040	Desilles, L. H.	May 14, 1895
527,317	Bullock, E. J.	Oct. 9, 1894	541,286	Moore and Megarvey	June 18, 1895
527,318	Bullock, E. J.	Oct. 9, 1894	541,332	Patterson, J. M.	June 18, 1895
530,706	McCarthy, L	Dec. 11, 1894			

## 173. CONDUCTORS.—31. LIGHTNING RODS.

529,866	Keys, C. F.	Nov. 27, 1894	538,603	Simpson, H.	Apr. 30, 1895
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## 173. CONDUCTORS.—43. RHEOSTATS.

524,382	Herrick, A. B.	Aug. 14, 1894	528,908	Mitchell, R. C.	Nov. 6, 1894
526,605	Baker, B. E.	Sept. 25, 1894	530,465	Van Vleck, J.	Dec. 4, 1894
526,867	Macfarlane, D.	Oct. 2, 1894	530,727	Shelton, F. W.	Dec. 11, 1894
527,730	Shaw, A. J.	Oct. 16, 1894	534,699	Shaw, A. J.	Feb. 26, 1895
528,243	Waddell, M.	Oct. 30, 1894	537,876	Whittingham, G. H.	Apr. 23, 1895
528,539	Fyfe, J. C.	Nov. 6, 1894	539,105	Warner, E. P.	May 14, 1895
528,893	Shaw, A. J.	Nov. 6, 1894	539,216	Carey, A. C.	May 14, 1895
528,894	Shaw, A. J.	Nov. 6, 1894	539,555	Kramer and Krnger	May 21, 1895
528,907	Mitchell, R. C.	Nov. 6, 1894	541,136	Willms, C.	June 18, 1895

## 191. ELECTRIC RAILWAYS.—1. CONDUCTOR SUPPORTS AND INSULATORS.

522,362	Crane, W. F. D.	July 3, 1894	530,498	Ball, H. P.	Dec. 11, 1894
522,844	Lieb, G. W.	July 10, 1894	530,569	Wood, M. M.	Dec. 11, 1894
524,014	Yakel, L.	Ang. 7, 1894	531,437	Klein and Westhafer	Dec. 25, 1894
524,232	Zimmerman, F. M.	Aug. 7, 1894	532,133	Anderson, J. M.	Jan. 8, 1895
524,282	McTighe, J.	Aug. 7, 1894	532,164	Love, J. C.	Jan. 8, 1895
524,467	Luseomb, H. H.	Aug. 14, 1894	532,166	Love, J. C.	Jan. 8, 1895
524,684	McCarthy, L.	Aug. 14, 1894	532,168	Love, J. C.	Jan. 8, 1895
526,422	Walker, I. B.	Sept. 25, 1894	532,796	Lewis, E. D.	Jan. 22, 1895
526,704	Green, J. J.	Oct. 2, 1894	532,905	Potter, W. B.	Jan. 22, 1895
527,840	Fiske, F. C.	Oct. 23, 1894	534,411	Van Buren, M. F.	Feb. 19, 1895
528,561	Perry, J. W.	Nov. 6, 1894	535,530	Annable, W. W.	Mar. 12, 1895
528,767	Dey and Anderson	Nov. 6, 1894	538,390	Scott, W. R.	Apr. 30, 1895
529,058	Anderson, J. M.	Nov. 13, 1894	538,391	Scott, W. R.	Apr. 30, 1895
529,616	Hennefeld, Dehiner and Van Ness.	Nov. 20, 1894	539,854	Carey and Ball	May 28, 1895
529,903	Gould, A. P.	Nov. 27, 1894	540,060	Jackson, W. E. M.	May 28, 1895
			541,019	Smith, D. W.	June 11, 1895

## 191. ELECTRIC RAILWAYS.—2. ELECTRIC LOCOMOTIVES.

522,189	Blackwell, F. O.	July 3, 1894	531,366	Egger and Wessel	Dec. 25, 1894
522,834	Hopkinson, E.	July 10, 1894	533,259	Wiegand, S. L.	Jan. 29, 1895
523,354	Keller, E. E.	July 24, 1894	533,861	Boynton, E. M.	Feb. 12, 1895
523,453	Biddle, W.	July 24, 1894	534,092	Biddle, W.	Feb. 12, 1895
524,117	Rice, E. W.	Aug. 7, 1894	535,304	Sperry, E. A.	Mar. 5, 1895
524,823	Henry, J. C.	Ang. 21, 1894	536,748	Biddle, W.	Apr. 2, 1895
526,432	Biddle, W.	Sept. 25, 1894	537,673	Clark, J. B.	Apr. 16, 1895
527,126	Roffand, N. G.	Oct. 9, 1894	537,857	Robinson, W.	Apr. 23, 1895
527,927	Bassett, N. C.	Oct. 23, 1894	538,104	Emery, C. E.	Apr. 23, 1895
529,688	Adams, W. S.	Nov. 27, 1894	538,325	Devine, J. J.	Apr. 30, 1895
530,956	Mitchell, A. W.	Dec. 18, 1894	540,029	Short, S. H.	May 28, 1895

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## 191. ELECTRIC RAILWAYS.—29. ELECTRIC LOCOMOTIVES—PIVOTED MOTORS.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
541,165	Hunter, R. M.				June 18, 1895

## 191. ELECTRIC RAILWAYS.—15. ELECTRIC LOCOMOTIVES—GENERAL.

538,758	Watkins, R.				May 7, 1895
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## 191. ELECTRIC RAILWAYS.—18. SECTIONAL CONDUCTORS—CONNECTED.

533,536	Yost, C. M.	Feb. 5, 1895	535,993	McLaughlin, J. F.	Mar. 19, 1895
533,569	Davenport, F. S.	Feb. 12, 1895	536,374	Davenport, F. S.	Mar. 26, 1895
534,238	Wheless, M.	Feb. 12, 1895	536,581	Lawrence, W.	Mar. 26, 1895

## 191. ELECTRIC RAILWAYS.—19. SECTIONAL CONDUCTORS—MAGNETIC CLOSERS.

536,828	Crehore, A. C.	Apr. 2, 1895	537,415	Guest, J. H.	Apr. 9, 1895
536,555	Dion, L.	Apr. 2, 1895	537,416	Guest, J. H.	Apr. 9, 1895
537,196	Gnest, J. H.	Apr. 9, 1895	537,706	McLaughlin, J. F.	Apr. 16, 1895
537,197	Guest, J. H.	Apr. 9, 1895	538,158	Faulkner, J. M.	Apr. 23, 1895
537,199	Guest, J. H.	Apr. 9, 1895	540,653	Enholm, O. A.	June 11, 1895

## 191. ELECTRIC RAILWAYS.—21. SECTIONAL CONDUCTORS—MECHANICAL CLOSERS.

538,373	Homan, F. H.	Apr. 30, 1895	539,418	Cotton, W. H.	May 21, 1895
539,184	Lucas, P.	May 14, 1895	540,010	Widmayer, F. B.	May 28, 1895

## 191. ELECTRIC RAILWAYS.—3. SYSTEMS.

525,523	Allen, C. M.	Sept. 4, 1894	528,959	Lowd, M.	Nov. 13, 1894
525,584	Brocklehnrst. H.	Sept. 4, 1894	531,441	Macloskie and Brinkerhoff	Dec. 25, 1894
525,690	Bradley, C. S.	Sept. 11, 1894	541,467	Brown, H. P.	June 25, 1895
527,294	Schrimer, A. F.	Oct. 9, 1894			

## 191. ELECTRIC RAILWAYS.—4. SYSTEMS—BATTERY.

534,534	Julien, E.				Feb. 26, 1895
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## 191. ELECTRIC RAILWAYS.—8. SYSTEMS—CIRCUIT, SERIES.

526,963	Cattori, M.				Oct. 2, 1894
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## 191. ELECTRIC RAILWAYS.—5. SYSTEMS—CONDUIT.

522,440	Tyrell, J. H.	July 3, 1894	530,688	Hawley and Black	Dec. 11, 1894
522,460	Fay, A. T.	July 3, 1894	531,450	Swift, W. H.	Dec. 25, 1894
522,655	Creveling, J. L.	July 10, 1894	532,157	Just, P. C.	Jan. 8, 1895
523,271	Eisenhuth, J. W.	July 17, 1894	532,161	Law, M. D.	Jan. 8, 1895
523,319	Eisenhuth, J. W.	July 17, 1894	532,165	Love, J. C.	Jan. 8, 1895
524,025	Hunter, R. M.	Aug. 7, 1894	532,167	Love, J. C.	Jan. 8, 1895
525,664	Rider, H. E.	Sept. 11, 1894	532,261	Bingher, A. M.	Jan. 8, 1895
526,767	Wilson, R. B.	Oct. 2, 1894	532,448	Dulaney, W. T.	Jan. 15, 1895
526,835	Hewett, R. J.	Oct. 2, 1894	532,449	Dulaney, W. T.	Jan. 15, 1895
526,850	Benjamin, G. H.	Oct. 2, 1894	533,447	Donty, J. G.	Feb. 5, 1895
527,301	Toole, J. E.	Oct. 9, 1894	533,627	Baker, W. H.	Feb. 5, 1895
528,205	Harwig, J. L.	Oct. 30, 1894	533,631	Button, F. E.	Feb. 5, 1895
529,406	Nichols and Lincoln	Nov. 20, 1894	534,454	Simon, W.	Feb. 19, 1895
530,192	Mason, D.	Dec. 4, 1894	534,495	Cohen, O.	Feb. 19, 1895
530,543	Mason, D.	Dec. 11, 1894	534,956	Hammill, J. M.	Feb. 26, 1895

## CLASSIFIED INDEX—ELECTRICITY.

## 191. ELECTRIC RAILWAYS.—5. SYSTEMS—CONDUIT—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
535,324	Dulaney, W. T., jr.	Mar. 5, 1895	539,786	Barrell, F.	May 28, 1895
537,626	Belden, H. A.	Apr. 16, 1895	540,900	Brooks, D.	June 11, 1895
537,630	Connett, A. N.	Apr. 16, 1895	540,901	Brooks, D.	June 11, 1895
538,005	Wolpers, C. C. G.	Apr. 23, 1895	541,020	Smith, D. W.	June 11, 1895
538,357	Smith, J. F.	Apr. 30, 1895	541,730	Ebi, E.	June 25, 1895
538,786	McLean and Kornetzke	May 7, 1895			

## 191. ELECTRIC RAILWAYS.—6. SYSTEMS—CLOSED CONDUIT.

522,461	Fay, A. T.	July 3, 1894	532,302	Windle, F.	Jan. 8, 1895
522,709	Green, J. J.	July 10, 1894	532,576	McClintock and McLane	Jan. 15, 1895
522,710	Green, J. J.	July 10, 1894	533,610	Rosenholz, A.	Feb. 5, 1895
522,711	Greeu, J. J.	July 10, 1894	534,475	Hedenberg, W. L.	Feb. 19, 1895
522,894	Greer, C. I.	July 10, 1894	534,519	Rosenholz, A.	Feb. 19, 1895
523,104	Butler, W. A.	July 17, 1894	534,642	Gray, H. F.	Feb. 26, 1895
523,146	Jenney, C. D.	July 17, 1894	534,662	Peterson, H. A. F.	Feb. 26, 1895
523,164	Johnson, E. H.	July 17, 1894	534,663	Peterson, H. A. F.	Feb. 26, 1895
523,165	Johnson, E. H.	July 17, 1894	534,986	Flynn, M. F.	Feb. 26, 1895
523,166	Johnson, E. H.	July 17, 1894	535,214	Leodetti, F. E.	Mar. 5, 1895
523,306	Doty, H. A.	July 17, 1894	535,294	Mnryph, P.	Mar. 5, 1895
524,366	Wilcox and Wilcox	Aug. 14, 1894	535,297	Rosenholz, A.	Mar. 5, 1895
524,367	Wilcox and Wilcox	Aug. 14, 1894	535,345	Bentley, E. M.	Mar. 12, 1895
524,368	Wilcox and Wilcox	Aug. 14, 1894	535,398	O'Flaherty, D.	Mar. 12, 1895
525,539	Enholm, O. A.	Sept. 4, 1894	535,936	Bergh and Tarbox	Mar. 19, 1895
525,945	Creighton, W. G.	Sept. 11, 1894	536,076	Grant, H. C.	Mar. 19, 1895
526,392	Graham and Allen	Sept. 25, 1894	536,275	Emery, C. E.	Mar. 26, 1895
526,468	Tisdale, C. D.	Sept. 25, 1894	536,915	Byron, J. M.	Apr. 2, 1895
527,265	Butler, W. A.	Oct. 9, 1894	536,918	Chaplin and Dion	Apr. 2, 1895
527,601	Finn, O. B.	Oct. 16, 1894	536,923	Dion, L.	Apr. 2, 1895
527,873	McLaughlin, J. F.	Oct. 23, 1894	536,952	Hughes and Adams	Apr. 2, 1895
527,874	McLaughlin, J. F.	Oct. 23, 1894	537,194	Guest, J. H.	Apr. 9, 1895
528,379	McLaughlin, J. F.	Oct. 30, 1894	537,195	Guest, J. H.	Apr. 9, 1895
528,477	Harkius, C. H.	Oct. 30, 1894	537,200	Guest, J. H.	Apr. 9, 1895
528,494	Stearns, W. E.	Oct. 30, 1894	537,414	Guest, J. H.	Apr. 9, 1895
528,963	Mathers, E. A.	Nov. 13, 1894	538,649	Baird, G. E.	May 7, 1895
529,704	Enrke, C. G.	Nov. 27, 1894	538,650	Baird, G. E.	May 7, 1895
529,797	King, F. L.	Nov. 27, 1894	524,773	Wheless, M.	Ang. 21, 1894
529,836	Pressley, T. C.	Nov. 27, 1894	538,838	Laurence, W.	May 7, 1895
530,286	Schwieger, H.	Dec. 4, 1894	540,187	Peterson, H. A. F.	May 28, 1895
530,482	Greeu, J. J.	Dec. 4, 1894	540,305	Flynn, M. F.	June 4, 1895
531,664	Turnbull, R. J.	Jan. 1, 1895	540,569	Allen, C. M.	June 4, 1895
531,873	Shobe and Embley	Jan. 1, 1895	541,338	Smith, A. J.	June 18, 1895
532,113	Swartz, G. W.	Jan. 8, 1895			

## 191. ELECTRIC RAILWAYS.—9. SYSTEMS—CONVERTERS.

525,480	Badt, F. B.	Sept. 4, 1894	532,593	Scott, C. F.	Jan. 15, 1895
527,857	Hutin and Leblanc	Oct. 23, 1894			

## 191. ELECTRIC RAILWAYS.—11. SYSTEMS—OVERHEAD.

522,388	Perriu, F. S.	July 3, 1894	534,613	Murphy, M. T.	Feb. 19, 1895
523,172	Nichols and Lincoln	July 17, 1894	534,605	Hersh and Weaver	Feb. 19, 1895
524,672	Anderson, J. M.	Aug. 14, 1894	535,971	Wood and King	Mar. 19, 1895
525,598	Greenwood, H. M.	Sept. 4, 1894	536,250	Wood, M. M.	Mar. 26, 1895
526,408	Pfouts, L. S.	Sept. 25, 1894	538,408	Burton, G. D.	Apr. 30, 1895
526,409	Pfouts, L. S.	Sept. 25, 1894	538,844	Parker and Trepagnier	May 7, 1895
527,920	Wood, M. M.	Oct. 23, 1894	540,325	Mather, A. L.	June 4, 1895
531,837	Cooper, T.	Jan. 1, 1895	541,098	Kroger, J.	June 18, 1895
534,592	Zimmerman, F. M.	Feb. 19, 1895			

## 191. ELECTRIC RAILWAYS.—12. SYSTEMS—OVERHEAD, TROLLEY.

522,845	Lieb, G. W.	July 10, 1894	525,015	Haskins, N. W.	Aug. 28, 1894
522,915	McBean, A. S.	July 10, 1894	525,016	Haskins, N. W.	Aug. 28, 1894
523,625	Drummond, E. M.	July 24, 1894	525,789	Mahone and Crane	Sept. 11, 1894
524,017	Bourdereaux, G. L.	Aug. 7, 1894	525,826	Dawson, E.	Sept. 11, 1894

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## 191. ELECTRIC RAILWAYS.—12. SYSTEMS—OVERHEAD, TROLLEY—Continued.

No.	Name.	Date.	No.	Name.	Date.
526,183	Gale, E	Sept. 18, 1894	532,031	Corcoran, J	Jan. 8, 1895
526,550	Osyor, D. N.	Sept. 25, 1894	532,195	Gibbs, L. T.	Jan. 8, 1895
526,705	Hanson, J. L.	Oct. 2, 1894	532,200	Henry, J. C.	Jan. 8, 1895
526,756	Tanner, H. J.	Oct. 2, 1894	532,477	Nichols and Fraser	Jan. 15, 1895
526,597	Grant, R. A.	Oct. 2, 1894	532,812	Paine, B. O.	Jan. 22, 1895
527,546	Bache, W. H.	Oct. 16, 1894	533,772	Yost, C. M.	Feb. 5, 1895
528,149	Cobb, W. D.	Oct. 30, 1894	536,967	Reichel, E. B. W.	Apr. 2, 1895
528,685	Osborn, A. S.	Nov. 6, 1894	537,283	Furbish and Staples	Apr. 9, 1895
528,949	Lare and Green	Nov. 13, 1894	538,295	Swacick, J. D.	Apr. 30, 1895
529,354	Blackwell, J. L.	Nov. 20, 1894	538,569	Wheeler, F.	Apr. 30, 1895
529,552	Kelsey, F. N.	Nov. 20, 1894	539,516	Hoag, J. W.	May 21, 1895
530,276	Kendt, W. F.	Dec. 4, 1894	539,681	Green, A.	May 21, 1895
530,416	Hayn, F. W. N. E.	Dec. 4, 1894	539,798	Dalby, W. H.	May 28, 1895
531,291	Dickerhoof, W. H.	Dec. 18, 1894	540,340	Thomson, T.	June 4, 1895
530,954	Meyer and Meyer	Dec. 18, 1894	540,486	Euphrat, T.	June 4, 1895
531,331	Powell, C. E.	Dec. 25, 1894	540,487	Euphrat, T.	June 4, 1895
531,354	Anderson, J. M.	Dec. 25, 1894	541,044	Frity, W. H.	June 11, 1895
531,390	Milloy, P. D.	Dec. 25, 1894	540,883	Steinbach, W. E.	June 11, 1895
531,383	Newlinson, G. A.	Dec. 25, 1894	541,796	Taylor, J. P.	June 25, 1895

## 191. ELECTRIC RAILWAYS.—13. SYSTEMS—TELPHER.

531,499	Behr, F. B.	Dec. 25, 1894	535,703	Lamb, R.	Mar. 12, 1895
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## 191. ELECTRIC RAILWAYS.—7. SYSTEMS—CIRCUITS, MULTIPLE ARC.

522,374	Hunter, R. M.	July 3, 1894	523,386	Crehore, A. C.	July 24, 1894
523,317	Hunter, R. M.	July 17, 1894	524,976	Cummings, J. F.	Ang. 21, 1894

## 171. GENERATION.—6. BATTERIES—GALVANIC.

522,837	Johnson, L. F.	July 10, 1894	530,485	Hubbell, C. J.	Dec. 4, 1894
522,983	Hewett, G.	July 17, 1894	530,567	Walker and Wilkins	Dec. 11, 1894
523,892	Heil, A.	July 31, 1894	532,826	Schoenmehl, C. B.	Jan. 22, 1895
524,229	Walker, Wilkins, and Jones	Aug. 7, 1894	533,078	O'Toole, R.	Jan. 29, 1895
524,291	Walker and Wilkins	Aug. 7, 1894	534,036	Freeman, W. P.	Feb. 12, 1895
525,235	Solomon, J. I.	Aug. 28, 1894	535,090	Brewer, H. J.	Mar. 5, 1895
525,491	Dressher, L.	Sept. 4, 1894	535,464	Schaeffer, H. N. F.	Mar. 12, 1895
527,298	Smith and Geer	Oct. 9, 1894	536,689	Libbey, H. W.	Apr. 2, 1895
527,436	Maqnay, S. W.	Oct. 16, 1894	539,871	Johnson, H. T.	May 28, 1895
528,669	Hayden, M. M.	Nov. 6, 1894	541,350	Glasgow, F. A.	June 18, 1895
530,401	Doe, W. S.	Dec. 4, 1894			

## 171. GENERATION.—73. BATTERIES—THERMAL.

527,377	Severy, M. S.	Oct. 9, 1894	529,711	Cox, H. B.	Nov. 27, 1894
527,378	Severy, M. S.	Oct. 9, 1894	535,488	Cox, H. B.	Mar. 12, 1895
527,379	Severy, M. S.	Oct. 9, 1894	535,489	Cox, H. B.	Mar. 12, 1895
528,924	Cox, H. B.	Nov. 13, 1894	535,490	Cox, H. B.	Mar. 12, 1895
529,710	Cox, H. B.	Nov. 27, 1894	535,491	Cox, H. B.	Mar. 12, 1895

## 171. GENERATION.—95. BATTERIES—GALVANOMETERS.

522,948	Weston, E.	July 10, 1894	531,870	Shallenberger, O. B.	Jan. 1, 1895
522,949	Weston, E.	July 10, 1894	531,970	Rowand, H. A.	Jan. 1, 1895
522,950	Weston, E.	July 10, 1894	532,559	Hoyt, A. H.	Jan. 15, 1895
523,695	Thomson, E.	July 31, 1894	532,560	Hoyt, A. H.	Jan. 15, 1895
526,457	Herberts, H.	Sept. 25, 1894	532,561	Hoyt, A. H.	Jan. 15, 1895
527,034	Weston, E.	Oct. 2, 1894	533,107	Weston, E.	Jan. 29, 1895
528,268	Armer, A. H.	Oct. 30, 1894	536,478	Parker, H. C.	Mar. 26, 1895
529,398	Mershon, R. D.	Nov. 20, 1894	537,118	Johnson, E. H.	Apr. 9, 1895
529,399	Mershon, R. D.	Nov. 20, 1894	537,343	Hartmann and Braun	Apr. 9, 1895
529,433	Van Vleck, J.	Nov. 20, 1894	537,499	Thomson, E.	Apr. 16, 1895
529,434	Weston, E.	Nov. 20, 1894	537,500	Thomson, E.	Apr. 16, 1895
529,435	Weston, E.	Nov. 20, 1894	537,501	Thomson, E.	Apr. 16, 1895
529,461	Potter, H. N.	Nov. 20, 1894	540,153	Dobrowlsky, M. von D.	May 28, 1895
530,145	Weston, E.	Dec. 4, 1894	541,148	Burgess, P. G.	June 18, 1895
531,868	Shallenberger, O. B.	Jan. 1, 1895			

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## 171. GENERATION.—122. INDUCTORIUMS—INDUCTION COILS.

No.	Name	Date	No.	Name	Date
524,165	Downes, L. W -----	Aug. 7, 1894	524,911	Schneider, F. F -----	Aug. 21, 1894
524,636	Jaeger, C. L -----	Aug. 14, 1894	535,917	Meyer, A. F. W -----	Mar. 19, 1895

## 171. GENERATION.—123. INDUCTORIUMS—TRANSFORMERS, ROTARY.

536,063	Wagemann, H. O. C. E -----				Sept. 18, 1894
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## 171. GENERATION.—124. INDUCTORIUMS—TRANSFORMERS, STATIONARY.

522,506	Burton and Angell -----	July 3, 1894	528,778	Hunter, R. M -----	Nov. 6, 1894
522,507	Burton and Angell -----	July 3, 1894	528,925	Culver, F. S -----	Nov. 13, 1894
522,988	Kelley, J. F -----	July 17, 1894	530,597	Meston, A. W -----	Dec. 11, 1894
523,572	Hassler, R. H -----	July 24, 1894	531,005	Priestly, F. C -----	Dec. 18, 1894
523,805	Cabot, J. A -----	July 31, 1894	531,996	Hassler, R. H -----	Jan. 1, 1895
524,188	Wood, J. J -----	Aug. 7, 1894	534,731	Thomson, E -----	Feb. 26, 1895
524,852	Henry, J. C -----	Aug. 21, 1894	534,802	Lemp, H -----	Feb. 26, 1895
525,689	Bradley, C. S -----	Sept. 11, 1894	536,319	Schneller and Wisse -----	Mar. 26, 1895
526,170	Wilson, D. H -----	Sept. 18, 1894	536,608	Dickerson, M -----	Apr. 2, 1895
527,070	Packard, J. W -----	Oct. 9, 1894	539,876	Moody, W. S -----	May 28, 1895
528,188	Thomson, E -----	Oct. 30, 1894			

## 171. GENERATION.—23. MAGNETO-ELECTRIC.

523,019	Thomson, E -----	July 17, 1894	526,982	Smith, J. P -----	Oct. 2, 1894
523,663	Hofmann, J -----	July 31, 1894	529,784	Forbes, G -----	Nov. 27, 1894
523,685	Reist, H. G -----	July 31, 1894	530,235	McLeod, J. N -----	Dec. 4, 1894
523,776	Parshall, H. F -----	July 31, 1894	531,406	Eridgman, H. L -----	Dec. 25, 1894
523,998	Bennerfelt, G -----	Aug. 7, 1894	531,707	Wallace, J. B -----	Jan. 1, 1895
524,793	Shaw, A. J -----	Aug. 21, 1894	533,084	Reist, H. G -----	Jan. 29, 1895
524,884	Card, G. F -----	Aug. 21, 1894	534,288	Smith, H. J -----	Feb. 19, 1895
525,636	Bliss, W. L -----	Sept. 11, 1894	534,729	Thomson, D. P -----	Feb. 26, 1895
526,742	Reist, H. G -----	Oct. 2, 1894	537,354	Pease, J -----	Apr. 9, 1895
526,743	Reist, H. G -----	Oct. 2, 1894	539,454	Thomsou, E -----	May 21, 1895

## 171. GENERATION.—206. MAGNETO-ELECTRIC—ARMATURES, DRUM.

522,859	Shugg, J. H -----	July 10, 1894	532,795	Lemp, H -----	Jan. 22, 1895
523,161	Coykendall, T. C -----	July 17, 1894	533,246	Steinmetz, C. P -----	Jan. 29, 1895
525,697	Eickemeyer, R -----	Sept. 11, 1894	533,930	Thomson, D. P -----	Feb. 12, 1895
525,698	Eickemeyer, R -----	Sept. 11, 1894	535,106	Heath, H. E -----	Mar. 5, 1895
528,204	Hicks, T. H -----	Oct. 30, 1894	535,579	Geisenhorner and Sandman -----	Mar. 12, 1895
529,437	Wood, J. J -----	Nov. 20, 1894	539,881	Persson and Thomson -----	May 28, 1895
531,623	Decker, W -----	Jan. 1, 1895	539,943	Hochhausen, W -----	May 28, 1895

## 171. GENERATION.—208. MAGNETO-ELECTRIC—ARMATURES, RING.

523,027	Weber and Mareley -----	July 17, 1894	538,344	Penn and Lowndes -----	Apr. 30, 1895
529,992	Alexander and Grosmith -----	Nov. 27, 1894	541,380	McLaughlin, J. F -----	June 18, 1895
536,439	Morgan, E. C -----	Mar. 26, 1895			

## 171. GENERATION.—209. MAGNETO-ELECTRIC—BIPOLE.

522,286	Bradley, C. S -----	July 3, 1894	529,650	Hutin and Leblanc -----	Nov. 20, 1894
523,247	Tilmann, E -----	July 17, 1894	534,038	Fuller, R -----	Feb. 12, 1895
524,119	Sayers, W. B -----	Ang. 7, 1894	536,963	McElroy, J. F -----	Apr. 2, 1895
524,533	See and Tyler -----	Ang. 14, 1894	540,351	De Camp, G -----	June 4, 1895
527,415	Fawcett, E -----	Oct. 16, 1894			

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## 171. GENERATION.—210. MAGNETO-ELECTRIC—BRUSHES AND HOLDERS.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
527,127	Rauch, G-----	Oct. 9, 1894	536,973	Valley, G-----	Apr. 2, 1895
527,766	Von Brauke, W-----	Oct. 23, 1894	538,097	Boudreaux, L-----	Apr. 23, 1895
530,088	Carron, P. J. C-----	Dec. 4, 1894	538,281	Priest, E. D-----	Apr. 30, 1895
530,717	Platt, E. T-----	Dec. 11, 1894	538,617	Lundell, R-----	Apr. 30, 1895
532,782	Henry, J. C-----	Jan. 22, 1895	539,032	Bosely, W. S-----	May 14, 1895
533,038	Hirsh, M. R-----	Jan. 22, 1895	539,453	Thomson, E-----	May 21, 1895
533,583	Dickey, J. W-----	Feb. 5, 1895	540,035	Thomson, E-----	May 28, 1895

## 171. GENERATION.—211. MAGNETO-ELECTRIC—COMMUTATORS AND COLLECTORS.

537,480	Painter, G. E-----	Apr. 16, 1895	538,825	Fiske, J. P. B-----	May 7, 1895
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## 171. GENERATION.—118. MAGNETO-ELECTRIC—CONNECTING DEVICES.

527,075	Potter, W. B-----	Oct. 9, 1894	531,365	Donshea, W. I-----	Dec. 25, 1894
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## 171. GENERATION.—76. MAGNETO-ELECTRIC—HAND MACHINES.

538,329	Gilliland, E. T-----	Apr. 30, 1895	539,712	Troll, F. J-----	May 21, 1895
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## 171. GENERATION.—211. MAGNETO-ELECTRIC—MULTIPOLAR.

522,580	Bell, L-----	July 10, 1894	529,918	Kelley, J. F-----	Nov. 27, 1894
525,353	McElroy, J. F-----	Sept. 4, 1894	533,873	Eckström, A-----	Feb. 12, 1895
526,064	Wagemann, H. O. C. E-----	Sept. 18, 1894	534,079	Parshall, H. F-----	Feb. 12, 1895
527,235	Waddell, M-----	Oct. 9, 1894	534,953	Eickemeyer, R-----	Feb. 25, 1895
527,776	Daniels, C. F-----	Oct. 23, 1894	537,010	Burton, G. D-----	Apr. 9, 1895
529,145	Thury, R-----	Nov. 13, 1894	538,345	Porter, E. H-----	Apr. 30, 1895

## 171. GENERATION.—212. MAGNETO-ELECTRIC—UNIFORM FIELD.

525,390	McElroy, J. F-----				Sept. 4, 1894
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## 171. GENERATION.—34. METERS.

522,672	Scheeffler, G. A-----	July 10, 1894	531,866	Shallenberger, O. B-----	Jan. 1, 1895
523,566	Brocq, F. A-----	July 24, 1894	531,867	Shallenberger, O. B-----	Jan. 1, 1895
523,662	Hartmann, E-----	July 31, 1894	531,869	Shallenberger, O. B-----	Jan. 1, 1895
523,704	Duncan, T-----	July 31, 1894	533,269	Bristol, W. H-----	Jan. 29, 1895
524,953	Raab, C. D-----	Aug. 21, 1894	533,270	Bristol, W. H-----	Jan. 29, 1895
525,894	Goold, F. D. A-----	Sept. 11, 1894	534,640	Fish, W. C-----	Feb. 26, 1895
525,870	Friese, W-----	Nov. 6, 1894	537,769	Harrison, H. T-----	Apr. 16, 1895
530,351	Scheeffler, G. A-----	July 10, 1894	539,452	Steinmetz, C. P-----	May 21, 1895
531,153	Bruger, T-----	Dec. 18, 1894	539,886	Thomson, E-----	May 28, 1895

## 171. GENERATION.—40. REGULATORS.

522,274	Scribner, C. E-----	July 3, 1894	526,810	Hoffman, C-----	Oct. 2, 1894
522,275	Scribner, C. E-----	July 3, 1894	527,244	Heilmann, J. J-----	Oct. 9, 1894
523,586	Moore, J. W-----	July 24, 1894	529,117	Fernand, J-----	Nov. 13, 1894
523,668	Knight, W. H-----	July 31, 1894	530,773	Herdman, F. E-----	Dec. 11, 1894
523,573	Veeder and Priest-----	July 31, 1894	531,790	Eickemeyer, R-----	Jan. 1, 1895
524,020	Eickemeyer, R-----	Aug. 7, 1894	531,849	Melott, C. B-----	Jan. 1, 1895
524,136	Edison, T. A-----	Aug. 7, 1894	532,514	Wilson, R-----	Jan. 15, 1895
524,373	Bentley, E. M-----	Aug. 14, 1894	532,839	Thomson, E-----	Jan. 22, 1895
524,376	Burke, J-----	Aug. 14, 1894	532,861	Bell, L-----	Jan. 22, 1895
524,615	Shehan, J. F-----	Aug. 14, 1894	533,931	Thomson, E-----	Feb. 12, 1895
524,845	Symmes, H. D-----	Aug. 21, 1894	535,158	Bradford, J. M-----	Mar. 5, 1895
525,993	Moskowitz, M-----	Sept. 11, 1894	535,796	Haskins, C. D-----	Mar. 12, 1895
526,169	Thomson, E-----	Sept. 18, 1894	535,797	Haskins, C. D-----	Mar. 12, 1895
526,583	Ryder, M. P-----	Sept. 25, 1894			

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## 171. GENERATION.—119. REGULATORS—ALTERNATING.

No.	Name.	Date.	No.	Name.	Date.
523,779	Rice, E. W., jr.	July 31, 1894	539,404	Armstrong, A. H.	May 21, 1895
531,432	Bell, L.	Dec. 25, 1894	540,557	McKim, J.	June 4, 1895
537,541	Moody, W. S.	Apr. 16, 1895	540,668	Hunter, R. M.	June 11, 1895

## 171. GENERATION.—241. REGULATORS—COMPOUNDING.

541,357	Hilliard, J. D.				June 18, 1895
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## 171. GENERATION.—223. REGULATORS—COMPOUND-WINDING.

538,757	Waterhouse, A. G.				May 7, 1895
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## 171. GENERATION.—226. REGULATORS—ENGINE-CONTROL.

540,094	Giesler, A.				May 28, 1895
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## 171. GENERATION.—229. REGULATORS—RESISTANCE.

535,530	Jordan, C. M.	Mar. 26, 1895	539,778	Rae, F. B.	May 21, 1895
537,994	Richardson, C. H.	Apr. 23, 1895	541,798	Whittingham, G. H.	June 25, 1895

## 171. GENERATION.—230. REGULATORS—SECTIONAL WINDING.

538,377	Lindstrom, N. O.	Apr. 30, 1895	538,744	Rae, F. B.	May 7, 1895
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## 171. GENERATION.—97. REGULATORS—SYSTEMS OF DISTRIBUTION.

522,986	Houston, E. J.	July 17, 1894	533,233	Staunley, W.	Jau. 29, 1895
523,401	Horry, W. S.	July 24, 1894	533,244	Steinmetz, C. P.	Jau. 29, 1895
524,378	Edisou, T. A.	Ang. 14, 1894	533,247	Steinmetz, C. P.	Jan. 29, 1895
525,354	McElroy, J. F.	Sept. 4, 1894	533,248	Steinmetz, C. P.	Jau. 29, 1895
525,369	Thouson, E.	Sept. 4, 1894	534,208	Edison, T. A.	Feb. 12, 1895
525,769	McElroy, J. F.	Sept. 11, 1894	534,678	Trudeau, J. A. G.	Feb. 26, 1895
526,992	Clough, A. L.	Oct. 2, 1894	536,816	McElroy, J. F.	Apr. 2, 1895
529,152	Zickermaun, F.	Nov. 13, 1894	537,549	Rice, E. W.	Apr. 16, 1895
529,265	Harrison, H. T.	Nov. 13, 1894	537,672	Claret and Wuilleumier	Apr. 16, 1895
530,748	Chesney, C. C.	Dec. 11, 1894	540,216	Oelschlaegeu, E. G. P.	May 28, 1895
531,657	Still, W. J.	Jau. 1, 1895	541,233	Huguest, C. K.	June 18, 1895

## 174. MEDICAL AND SURGICAL.—87. BATHS.

533,791	Doehring, C.				Feb. 5, 1895
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## 174. MEDICAL AND SURGICAL.—88. BODY WEAR.

522,841	Lawlor, W. E. J.	July 10, 1894	531,109	Fuller and Taylor	Dec. 18, 1894
524,664	Brewster, F. A.	Aug. 14, 1894	535,764	Borsodi, F.	May 7, 1895
526,182	Fritzsche, F.	Sept. 18, 1894	539,484	Newton, Purbrook and Hudson.	May 21, 1895
526,833	Hankey, J. J.	Oct. 2, 1894			
527,788	Hebard, C. E.	Oct. 23, 1894	541,367	Lathrop, B. R.	June 18, 1895
527,922	Backstrou and Johusou	Oct. 23, 1894			

## 174. MEDICAL AND SURGICAL.—89. ELECTRODES.

524,120	Speare, A. J.	Aug. 7, 1894	538,971	Laughlin, M. F.	May 7, 1895
524,156	Bachiuau, O. B.	Aug. 7, 1894			

## 174. MEDICAL AND SURGICAL.—177. MEDICAL AND SURGICAL.

527,037	Funk, L. L.	Oct. 2, 1894	539,501	Boyd, B. J.	May 21, 1895
530,522	Hattenbach, D.	Dec. 11, 1894			

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## 174. MEDICAL AND SURGICAL.—173. COMBS AND BRUSHES.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
534,528	Soun, A. L -----	Feb. 19, 1895	534,529	Soun, A. L -----	Feb. 19, 1895

## 172. MOTIVE POWER.—15. DENTAL INSTRUMENTS.

530,344	Jeffery and Jeffery -----	Dec. 4, 1894	534,374	Pieper and Pieper -----	Feb. 19, 1895
535,905	Horton and Jones -----	Mar. 19, 1895	534,536	Wheeler, W. E -----	Feb. 19, 1895
533,445	Denison, F. N -----	Feb. 5, 1895			

## 172. MOTIVE POWER.—152. ELEVATORS.

528,620	Shaw, A. J -----	Nov. 6, 1894	541,497	Perkins, F. B -----	June 25, 1895
530,541	Lindstrom and Cummings -----	Dec. 11, 1894	541,545	Herdmau, F. E -----	June 25, 1895
530,578	Buffington and Jones -----	Dec. 11, 1894	537,856	Roberts, J. H -----	Apr. 23, 1895
530,619	Herdman, F. E -----	Dec. 11, 1894	538,700	Reyuolds, G. H -----	May 7, 1895
536,730	Mailloux, C. O -----	Apr. 2, 1895	537,855	Roberts, J. H -----	Apr. 23, 1895
541,200	Eickemeyer, R -----	June 18, 1895			

## 172. MOTIVE POWER.—36. MOTORS.

541,641	Still, W. J -----	Jnne 25, 1895	528,615	Shaw, A. J -----	Nov. 6, 1894
522,356	Stanley, W., jr -----	July 3, 1894	529,385	Hofbauer, F. H -----	Nov. 20, 1894
523,140	Denison, J. F -----	July 17, 1894	530,114	Moderegger, C -----	Dec. 4, 1894
524,011	Whitmore, F. C -----	Aug. 7, 1894	532,789	Ketcher, J. L -----	Jan. 22, 1895
523,995	Porter, H. B -----	Ang. 7, 1894	533,108	Wirt, C -----	Jan. 29, 1895
525,730	Wachtel, C -----	Sept. 11, 1894	540,456	Pearce, F -----	June 4, 1895
526,016	Losch, J -----	Sept. 11, 1894	539,849	Atwater, J. B -----	May 28, 1895
526,083	Meston, A. W -----	Sept. 18, 1894	539,277	Lincoln, J. C -----	May 14, 1895
526,636	Clark, J. H -----	Oct. 2, 1894	524,426	Tesla, N -----	Aug. 14, 1894
527,023	Pole, B. C -----	Oct. 2, 1894	524,407	Silvey, W. L -----	Aug. 14, 1894
528,410	Mellen and Goldsmith -----	Oct. 30, 1894			

## 172. MOTIVE POWER.—120. MOTORS—ALTERNATING.

522,241	Thomson, E -----	July 3, 1894	532,549	Gutmann, L -----	Jau. 15, 1895
522,344	Kelley, J. F -----	July 3, 1894	533,245	Steinmetz, C. P -----	Jan. 29, 1895
522,345	Kelley, J. F -----	July 3, 1894	533,249	Steinmetz, C. P -----	Jan. 29, 1895
525,447	Dahl, O -----	Sept. 4, 1894	533,250	Steiumetz, C. P -----	Jan. 29, 1895
527,195	Coerper, C -----	Oct. 9, 1894	534,151	Hassler, R. H -----	Feb. 12, 1895
528,121	Child, C. T -----	Oct. 23, 1894	535,530	Chytraeus, O -----	Mar. 12, 1895
529,055	Scott, G. J -----	Nov. 13, 1894	536,032	Hutin and Leblanc -----	Mar. 19, 1895
529,272	Hntin and Leblane -----	Nov. 13, 1894	541,604	Eickemeyer, R -----	June 25, 1895
530,176	Gutmann, L -----	Dec. 4, 1894	524,534	Stanley, W., jr -----	Aug. 14, 1894
530,177	Gntmann, L -----	Dec. 4, 1894			

## 172. MOTIVE POWER.—236. MOTORS—ALTERNATING—STARTERS.

538,648	Arnold, E -----				May 7, 1895
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## 172. MOTIVE POWER.—179. MOTORS—HAND-OPERATING DEVICES.

522,581	Blood, J. R -----	July 10, 1894	524,542	Dewson, E. H., jr -----	Aug. 14, 1894
522,581	Peirce, A. W. K -----	July 10, 1894	524,396	Potter, W. B -----	Aug. 14, 1894
525,394	Sperry, E. A -----	Sept. 4, 1894	525,336	Conrad, W. H -----	Sept. 4, 1894
525,395	Sperry, E. A -----	Sept. 4, 1894	524,385	Jenkins, J. H -----	Aug. 14, 1894
525,782	Brown, G -----	Sept. 11, 1894	535,027	Shaw, A. J -----	Mar. 5, 1895
526,579	Van Vleck, J -----	Oct. 2, 1894	535,511	Sperry, E. A -----	Mar. 12, 1895
527,947	Davis, H. P -----	Oct. 23, 1894	536,794	Valley, G -----	Apr. 2, 1895
530,507	Darley, J. W -----	Dec. 11, 1894	536,795	Valley, G -----	Apr. 2, 1895
531,070	See and Tyler -----	Dec. 18, 1894	536,803	Harris, A -----	Apr. 2, 1895
532,538	Davis, H. P -----	Jan. 15, 1895	537,412	Fyfe, J. C -----	Apr. 9, 1895
533,318	Pohlman, W. J -----	Jan. 29, 1895	541,500	Pieper and Pieper -----	June 25, 1895
533,920	Priest, E. D -----	Feb. 12, 1895	541,542	Herdman, F. E -----	June 25, 1895
534,060	Card, G. F -----	Feb. 12, 1895	541,543	Herdman, F. E -----	June 25, 1995
534,078	Parshall, H. F -----	Feb. 12, 1895	541,544	Herdman, F. E -----	June 25, 1895
524,785	Monroe, M. B -----	Aug. 21, 1894	539,863	Faure, Haffie and Libbey -----	May 28, 1895
524,541	Dewson, E. H., jr -----	Aug. 14, 1894	539,293	Parshall and Darley -----	May 14, 1895

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## 172. MOTIVE POWER.—126. MOTORS—RECIPROCATING.

No.	NAME.	DATE.	No.	NAME.	DATE.
524,044	Merritt and Roe	Ang. 7, 1894	538,351	Sabin, L. M.	Apr. 30, 1895

## 172. MOTIVE POWER.—8. MOTORS—STEERING AND PROPULSION.

537,124	Noury, R				Apr. 9, 1895
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## 172. MOTIVE POWER.—83. MOTORS—TRANSMISSION OF POWER.

541,615	Hunting, F. S	June 25, 1895	530,178	Gutmann, L	Dec. 4, 1894
522,820	Bentley, E. M	July 10, 1894	532,441	Bradley, C. S	Jan. 15, 1895
523,822	Van Depoele, C. J	July 31, 1894	533,378	Steinmetz, C. P	Jan. 29, 1895
524,381	Gibboney, J. W	Aug. 14, 1894	533,379	Steinmetz, C. P	Jan. 29, 1895
525,312	Bradley, C. S	Aug. 28, 1894	535,010	Hunting, F. S	Mar. 5, 1895

## 204. ELECTRO-CHEMISTRY.—29. BATTERIES—SECONDARY.

522,479	Morrison, W	July 3, 1894	530,764	Gardner, G. H	Dec. 11, 1894
523,055	Silvey, W. L	July 17, 1894	535,751	Salom, P. G	Feb. 5, 1895
523,371	Peyrusson, A. E	July 24, 1894	535,541	Hough, A	Mar. 12, 1895
524,656	Van Emon, B. C	Aug. 14, 1894	535,885	Blot, G. R	Mar. 19, 1895
524,843	Silvey, W. L	Aug. 21, 1894	537,474	McDougall, W. M	Apr. 16, 1895
525,017	Hess, H. K	Aug. 28, 1894	537,575	Krocker, H	Apr. 16, 1895
525,018	Hess, H. K	Aug. 28, 1894	537,989	Moskowitz, M	Apr. 23, 1895
527,861	Picard and Thame	Oct. 23, 1894	538,628	Silvey, W. L	Apr. 30, 1895
528,648	Reed, C. J	Nov. 6, 1894	538,919	Knowles, E. R	May 7, 1895
528,740	Poston, E. M	Nov. 6, 1894	540,076	Silvey, W. L	May 28, 1895
528,647	Reed, C. J	Nov. 6, 1894	540,185	Payen, C	May 28, 1895
530,432	Kuchenmeister, E	Dec. 4, 1894	541,081	Edgerton, N. H	June 18, 1895

## 204. ELECTRO-CHEMISTRY.—30. BATTERIES—SECONDARY—CHARGING AND DISCHARGING.

539,500	Biddle, W				May 21, 1895
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## 204. ELECTRO-CHEMISTRY.—50. BATTERIES—CATHODES.

536,996	Barrett, H. T				Apr. 9, 1895
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## 204. ELECTRO-CHEMISTRY.—1. ELECTROLYSIS—AQUEOUS BATH.

526,482	Bridgman, H. L	Sept. 25, 1894	534,259	Parute, P	Feb. 19, 1895
527,110	Fletcher, C. R	Oct. 9, 1894	537,403	Burton, G. D	Apr. 9, 1895
528,586	Bridgman, H. L	Nov. 6, 1894	537,404	Burton, G. D	Apr. 9, 1895
528,587	Bridgman, H. L	Nov. 6, 1894	537,405	Burton, G. D	Apr. 9, 1895
533,596	House, H. A	Feb. 5, 1895	538,359	Urruty, F. L. M	Apr. 30, 1895

## 204. ELECTRO-CHEMISTRY. 5. ELECTROLYSIS—AQUEOUS BATH—APPARATUS.

522,614	Roberts, I. L	July 10, 1894	523,026	Waite, C. N	July 17, 1894
522,839	Knöfler, O	July 10, 1894			

## 204. ELECTRO-CHEMISTRY.—9. ELECTROLYSIS—AQUEOUS BATH—CHEMICALS.

522,615	Roberts, I. L	July 10, 1894	523,262	Cannot, G. A	July 17, 1894
522,616	Roberts, I. L	July 10, 1894	523,263	Cannot, G. A	July 17, 1894
522,617	Roberts, I. L	July 10, 1894	536,848	Blumenberg, H	Apr. 2, 1895
522,618	Roberts, I. L	July 10, 1894	538,998	Browne and Chaplin	May 7, 1895
522,619	Roberts, I. L	July 10, 1894	541,597	Darling, J. D	June 25, 1895

## 204. ELECTRO-CHEMISTRY.—15. ELECTROLYSIS—AQUEOUS BATH—ORES.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
537,423	Long and Skaden				Apr. 9, 1895

## 204. ELECTRO-CHEMISTRY.—19. ELECTROLYSIS—FUSED BATH.

527,846	Waldo and Gooch	Oct. 23, 1894	527,850	Gooch and Waldo	Oct. 23, 1894
527,847	Gooch and Waldo	Oct. 23, 1894	527,851	Gooch and Waldo	Oct. 23, 1894
527,848	Gooch and Waldo	Oct. 23, 1894	541,465	Vautin, C. T. J.	June 25, 1895
527,849	Gooch and Waldo	Oct. 23, 1894			

## 204. ELECTRO-CHEMISTRY.—24. ELECTROLYSIS—PURIFYING LIQUIDS.

537,139	Bailey, S. L.				Apr. 9, 1895
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## 204. ELECTRO-CHEMISTRY.—25. ELECTROLYSIS—PURIFYING LIQUIDS—WATER.

540,608	Collier and Dettlefs				June 4, 1895
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## 175. SPECIAL APPLICATIONS.—21. ELECTRO-MAGNETS.

528,635	Hoyt, A. H.	Nov. 6, 1894	539,939	Gharky, W. D.	May 28, 1895
529,325	Gerlach, C. C.	Nov. 13, 1894	540,323	Loomis and Pierce	June 4, 1895
531,709	Wessenberg, W. J.	Jan. 1, 1895	541,471	Corey, F. B.	June 25, 1895

## 175. SPECIAL APPLICATIONS.—115. IGNITING DEVICES—AUTOMATIC.

541,549	Jaskey and Else				June 25, 1895
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## 175. SPECIAL APPLICATIONS.—116. IGNITING DEVICES—MANUAL.

522,727	Chambers, J. C.	July 10, 1894	530,637	Coleman, C. J.	Dec. 11, 1894
522,915	Reiff and Munk	July 10, 1894	532,142	Cummings, H. H.	Jan. 8, 1895
522,934	Eberhard and Schinkatt	July 10, 1894	538,272	O'Neill, H. G.	Apr. 30, 1895
525,437	Albertson, A. C.	Sept. 4, 1894	540,463	Sheperd, G. W.	June 4, 1895
526,723	Mathias and Hartman	Oct. 2, 1894	541,723	Creveling, J. L.	June 25, 1895
529,313	Savage, C. G.	Nov. 13, 1894			

## 175. SPECIAL APPLICATIONS.—181. MAGNETIZING AND DEMAGNETIZING.

535,060	Houlgrave, C.	Mar. 5, 1895	537,149	Gooding and Scovil	Apr. 9, 1895
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## 176. ELECTRIC LIGHTING.—80. CUT-OUTS—ELECTROMAGNETIC.

522,527	Larson, C. W.	July 3, 1894	529,212	Sweet, D. F.	Nov. 13, 1894
523,829	Gandnixer, J. F.	July 31, 1894	529,213	Sweet, D. F.	Nov. 13, 1894
525,134	Chesney, C. C.	Ang. 28, 1894	532,537	Davis, H. P.	Jan. 15, 1895
528,185	Stanley and Braddell	Oct. 30, 1894	536,811	Lemp, H.	Apr. 2, 1895

## 176. ELECTRIC LIGHTING.—190. CUT-OUTS—HANGERS.

524,630	Carles, A. C.	Aug. 14, 1894	537,228	Parkinson, Springfield & Mills	Apr. 9, 1895
527,355	Woodhead, S. C.	Oct. 9, 1894	537,715	Poole, A. D.	Apr. 16, 1895
530,674	Ashley, H. H.	Dec. 11, 1894	538,224	Bowadaile, L. L.	Apr. 23, 1895
533,698	Bates, R. E.	Feb. 5, 1894	540,664	Hoeningher, S.	June 11, 1895

## CLASSIFIED INDEX—ELECTRICITY.

## 176. ELECTRIC LIGHTING.—79. CUT-OUTS—MECHANICAL.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
523,074	Kester, J. F -----	July 17, 1894	535,149	Van Nuis, C. S-----	Mar. 5, 1895
523,724	Linton, G. E -----	July 31, 1894	536,266	Chesney, C. C-----	Mar. 26, 1895
524,717	Harris, S -----	Aug. 21, 1894	537,130	Sperry, E. A-----	Apr. 9, 1895
525,332	Card, G. F -----	Sept. 4, 1894	537,259	Wurts, A-----	Apr. 9, 1895
528,900	Bolles, F. G -----	Nov. 6, 1894	537,538	Metzger, A -----	Apr. 16, 1895
530,472	Cronin, J. M -----	Dec. 4, 1894	538,670	Eckström, A -----	May 7, 1895
532,594	Scott and Davis -----	Jan. 15, 1895	539,832	Stillwell and Brownman -----	May 28, 1895
534,269	Lawrence, H. W -----	Feb. 19, 1895			

## 176. ELECTRIC LIGHTING.—154. CUT-OUTS—MECHANICAL—OSCILLATING SNAP.

524,384	Hewlett, E. M -----	Aug. 14, 1894	537,665	Ball, H. P -----	Apr. 16, 1895
524,808	McEvoy, E. J -----	Aug. 21, 1894	536,221	Miller, C. J-----	Mar. 26, 1895
525,936	Baehr, G -----	Sept. 11, 1894	540,358	Heinze, J. O., jr -----	June 4, 1895
532,662	Hancock, W. P -----	Jan. 15, 1895	541,608	Hancock, W. P-----	June 25, 1895
537,539	Metzger, A -----	Apr. 16, 1895			

## 176. ELECTRIC LIGHTING.—155. CUT-OUTS—MECHANICAL—ROTARY.

522,332	Van Vleck, J -----	July 3, 1894	529,363	Cassidy, J. C -----	Nov. 20, 1894
525,092	Clariot, J. J. P -----	Aug. 28, 1894	529,595	Cassidy, J. C-----	Nov. 20, 1894
526,725	Metzger, A -----	Oct. 2, 1894	530,141	Van Vleck, J -----	Dec. 4, 1894
526,988	Beron, F. G -----	Oct. 2, 1894	535,533	Dewey, M. W-----	Mar. 12, 1895
528,014	McLaughlin, J. F -----	Oct. 23, 1894	537,515	Wood, J. J -----	Apr. 16, 1895

## 176. ELECTRIC LIGHTING.—156. CUT-OUTS—MECHANICAL—SLIDING.

522,865	Thomson, E -----	July 10, 1894	530,293	Ullman, I. W-----	Dec. 4, 1894
527,177	Kelsch, R. S -----	Oct. 9, 1894	535,077	Potter, H. N-----	Mar. 5, 1895

## 176. ELECTRIC LIGHTING.—78. CUT-OUTS—THERMAL.

522,232	Sachs, J -----	July 3, 1894	527,501	McLaughlin, J. F -----	Oct. 16, 1894
523,293	Smith, W. F -----	Aug. 28, 1894	531,310	Hansen, H-----	Dec. 25, 1894
526,172	Winterhalder, L -----	Sept. 18, 1894	538,090	Wagner and Schwedtmann -----	Apr. 23, 1895
526,227	Hersh, E. E -----	Sept. 18, 1894	538,284	Rolfe, C. A-----	Apr. 30, 1895
526,502	Rau, O. M -----	Sept. 25, 1894	541,459	Scott and Davis -----	June 25, 1895
527,071	Packard, J. W -----	Oct. 9, 1894	541,473	Davis and Scott -----	June 25, 1895

## 176. ELECTRIC LIGHTING. 192. CUT-OUTS—THERMAL—BRANCH.

536,311	Wood, J. J -----				Mar. 26, 1895
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## 176. ELECTRIC LIGHTING.—194. CUT-OUTS—THERMAL—PLUG.

525,563	Rockoff, A -----	Sept. 4, 1894	539,725	Chapman, F. A -----	May 21, 1895
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## 176. ELECTRIC LIGHTING.—195. CUT-OUTS—THERMAL—SUCCESSIVE.

531,355	Ashley, C. L -----	Dec. 25, 1894	539,583	Hersh, J. R-----	May 21, 1895
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## 176. ELECTRIC LIGHTING.—104. LIGHTS—ARC, GRAVITY FEED.

525,743	Roney, A. B -----	Sept. 11, 1894	527,229	Wolverton, J. E-----	Oct. 9, 1894
527,211	Mayer, M -----	Oct. 9, 1894	537,617	Pfluger, C. A-----	Apr. 16, 1895
527,228	Wolverton, J. E -----	Oct. 9, 1894	538,999	Alliu, S. S-----	May 7, 1895

## 176. ELECTRIC LIGHTING.—105. LIGHTS—ARC, GRAVITY FEED, CLUTCH.

No.	Name.	Date.	No.	Name.	Date.
522,276	Smith, A. W.	July 3, 1894	531,978	Scribner, C. E.	Jan. 1, 1895
522,650	Okun, M. S.	July 10, 1894	538,457	Mosher, J. A.	Apr. 30, 1895
11,433	McKeown, J. B. (Reis.)	July 31, 1894	541,460	Smith, A. W.	June 25, 1895
531,698	Pfluger, C. A.	Jan. 1, 1895			

## 176. ELECTRIC LIGHTING.—106. LIGHTS—ARC, GRAVITY FEED, GEAR-CLUTCH.

522,233	Schweitzer, A.	July 3, 1894	532,095	Richardson, A. W.	Jan. 8, 1895
522,294	Heymann and Heymann	July 3, 1894	532,531	Chester and Rathbone	Jan. 15, 1895
522,327	Kester, J. F.	July 3, 1894	533,100	Swoboda, H. O.	Jan. 29, 1895
522,735	Kirkegaard, P.	July 10, 1894	534,086	Spencer, T.	Feb. 12, 1895
522,790	Gwynn, E. F.	July 10, 1894	534,677	Swoboda, H. O.	Feb. 26, 1895
524,357	Swoboda, H. O.	Aug. 14, 1894	534,852	Brockie, J.	Feb. 26, 1895
524,462	Drysdale, R.	Aug. 14, 1894	535,051	Davis, H. P.	Mar. 5, 1895
524,981	Jahr, R. H.	Aug. 21, 1894	535,052	Davis, H. P.	Mar. 5, 1895
525,034	Thomson, E.	Aug. 28, 1894	535,589	Knight, J. C.	Mar. 12, 1895
525,035	Thomson, E.	Aug. 28, 1894	537,696	Mensing, L. C. H.	Apr. 16, 1895
527,901	Swoboda, H. O.	Oct. 23, 1894	538,023	Lewis, F. M.	Apr. 23, 1895
528,119	Bergmann, S.	Oct. 23, 1894	539,393	Pfluger, C. A.	May 14, 1895
531,422	Murphy, E. J.	Dec. 25, 1894	539,877	Mosher, J. A.	May 28, 1895

## 176. ELECTRIC LIGHTING.—217. LIGHTS—ARC, GRAVITY FEED, PIVOT-DOG CLUTCH.

533,211	Conrady, E.				Jan. 29, 1895
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## 176. ELECTRIC LIGHTING.—218. LIGHTS—ARC, GRAVITY FEED, RING-CLUTCH.

523,144	Frost, W. E.	July 17, 1894	529,240	Brockie, J.	Nov. 13, 1894
525,943	Bradley, H. E.	Sept. 11, 1894			

## 176. ELECTRIC LIGHTING.—107. LIGHTS—ARC, POSITIVE FEED.

537,633	Croshy, E. H.	Apr. 16, 1895	541,179	Pfluger, C. A.	June 18, 1895
539,392	Pfluger, C. A.	May 14, 1895			

## 176. ELECTRIC LIGHTING.—109. LIGHTS—ARC, POSITIVE FEED, GEAR-CLUTCH.

535,840	MacIntire, G. R.				Mar. 19, 1895
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## 176. ELECTRIC LIGHTING.—220. LIGHTS—ARC, POSITIVE FEED, STEP GEAR-CLUTCH.

524,116	Peudletou, W. S.	Aug. 7, 1894	535,842	MacIntire, G. R.	Mar. 19, 1895
535,841	MacIntire, G. R.	Mar. 19, 1895			

## 176. ELECTRIC LIGHTING.—112. LIGHTS—ARC—SPECIAL FEATURES.

523,893	Houck, T. J.	July 31, 1894	531,840	Faure, E. F. G. H.	Jan. 1, 1895
524,003	Stout, G. G.	Aug. 7, 1894	532,103	Schefold and Nortney	Jan. 8, 1895
525,564	Rockoff, A.	Sept. 4, 1894	532,391	Nortney and Schefold	Jan. 8, 1895
525,735	Campbell, S. L.	Sept. 11, 1894	535,336	Johnsou, L.	Mar. 5, 1895
526,825	Weston, W. S.	Oct. 2, 1894	535,692	Francee, A. W.	Mar. 12, 1895
527,559	Moses, A. H.	Oct. 16, 1894	539,622	Kirkegaard, P.	May 21, 1895
527,564	Lavens, E.	Oct. 23, 1894	540,333	Pfluger, C. A.	June 4, 1895
528,184	Segerdahl, R.	Oct. 30, 1894	540,404	Radcliffe, H.	June 4, 1895
530,852	Cartwright, D. J.	Dec. 11, 1894	540,800	Parmly, S. P.	June 11, 1895
531,751	Schweitzer, A.	Jan. 1, 1895			

## 176. ELECTRIC LIGHTING.—180. CEILING BLOCKS.

No.	Name.	Date.	No.	Name.	Date.
524,109	Hammond, C. H.	Aug. 7, 1894	533,434	Buffinton, E. W.	Feb. 5, 1895
525,315	Cartwright, D. J.	Aug. 28, 1894	533,913	Mount, F. W.	Feb. 12, 1895
525,653	Hammond, C. N.	Sept. 4, 1894	537,907	Snow, E. A.	Apr. 23, 1895
531,761	Altou, G. H.	Jan. 1, 1895			

## 176. ELECTRIC LIGHTING.—102. LIGHTS—FILAMENTS AND CARBONS.

523,264	Cannot, G. A.	July 17, 1894	534,206	Edison, T. A.	Feb. 12, 1895
525,007	Edison, T. A.	Aug. 28, 1894	534,207	Edison, T. A.	Feb. 12, 1895
525,888	Edison, T. A.	Sept. 11, 1894	537,555	Stiens, P.	Apr. 16, 1895
527,826	Acheson, E. G.	Oct. 23, 1894	538,289	Scbrevsbury and Dobell	Apr. 30, 1895
532,468	Little, A. D.	Jan. 15, 1895	539,838	Trobach, K. O. E.	May 28, 1895
533,932	Tbomson, E.	Feb. 12, 1895	541,541	Heimann, S.	June 25, 1895

## 176. ELECTRIC LIGHTING.—18. LIGHTS—INCANDESCENT.

522,964	Burnett and Doane	July 17, 1894	534,209	Edison, T. A.	Feb. 12, 1895
523,204	Forest, W. E.	July 17, 1894	534,971	Rooney, H. F.	Feb. 26, 1895
523,305	Criggal, J. E.	July 17, 1894	535,199	Fowler, F. L.	Mar. 5, 1895
523,395	Clough, A. L.	July 24, 1894	535,478	Stieringer, L.	Mar. 12, 1895
523,460	Cazin, F. M. F.	July 24, 1894	535,838	Lowe, W. S.	Mar. 19, 1895
523,461	Cazin, F. M. F.	July 24, 1894	537,271	Bryant, W. C.	Apr. 9, 1895
530,838	Grove, J. R.	Dec. 11, 1894	537,498	Thomson, E.	Apr. 16, 1895
530,895	Kaye, E.	Dec. 11, 1894	537,693	Malignani, A.	Apr. 16, 1895
531,663	Thomas, G. C.	Jau. 1, 1895	539,150	Sheppard, W. H.	May 14, 1895
532,760	Branin, M. H.	Jan. 22, 1895	541,491	Möbrle, J.	June 25, 1895
533,223	Lean, G. R.	Jan. 29, 1895	541,603	Edwards, E. A.	June 25, 1895
533,502	Smith and Vandegrift	Feb. 5, 1895			

## 176. ELECTRIC LIGHTING.—113. LIGHTS—INCANDESCENT—SPECIAL FEATURES.

522,896	Henley, H. C.	July 10, 1894	532,328	Locke, M. J.	Jan. 8, 1895
524,706	Connell, W. H.	Aug. 21, 1894	532,666	Johnson, E. E.	Jan. 15, 1895
525,909	Klemm, G. F.	Sept. 11, 1894	533,196	Horn, H.	Jan. 29, 1895
529,451	Loeben, G. A.	Nov. 20, 1894	538,243	Dibb and Rorabeck	Apr. 30, 1895
529,654	Konetbsuy, J. R.	Nov. 20, 1894	539,192	Rodriguez and Rockwell	May 14, 1895
529,898	Curry, J. W.	Nov. 27, 1894	539,799	Dickson, W. K. L.	May 28, 1895

## 176. ELECTRIC LIGHTING.—196. LIGHTS—INCANDESCENT—STOPPER.

537,058	Merritt, C. A.				Apr. 9, 1895
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## 176. ELECTRIC LIGHTING.—98. LIGHTS—SOCKETS AND KEYS.

522,597	Hutchinson, J.	July 10, 1894	529,429	Thomson and Rice	Nov. 20, 1894
522,690	Meyer, M. P.	July 10, 1894	531,288	Balsley, C. H.	Dec. 18, 1894
526,145	Cartwright, D. J.	Sept. 18, 1894	536,792	Soden, F. H.	Apr. 2, 1895
527,285	Peck, L. R.	Oct. 9, 1894	541,121	Rose, G. F.	June 18, 1895
527,989	Hnssey, C. A.	Oct. 23, 1894			

## 176. ELECTRIC LIGHTING.—19. SYSTEMS.

522,621	Schefbaner, R.	July 10, 1894	534,281	Pennock, G. B.	Feb. 19, 1895
524,305	Bowker, R. R.	Aug. 14, 1894	535,069	McElroy and Bayley	Mar. 5, 1895
524,749	Westinghouse, G.	Aug. 21, 1894	537,533	Hewlett, E. M.	Apr. 16, 1895
524,983	Kohn, M. M.	Aug. 21, 1894	537,595	Anderson, G. J.	Apr. 16, 1895
528,021	Parfitt and Parfitt	Oct. 23, 1894	539,446	Rice, E. W.	May 21, 1895
533,083	Potter, W. B.	Jan. 29, 1895	540,443	Hobart, A. H.	June 4, 1895
533,459	Henry, I. M.	Feb. 5, 1895			

## 176. ELECTRIC LIGHTING.—166. SYSTEMS—AUTOMATIC REGULATION.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
541,290	Rushmore, S. W.				June 18, 1895

## 176. ELECTRIC LIGHTING.—129. SYSTEMS—CAR.

525,992	Moskowitz, M.	Sept. 11, 1894	531,765	Biddle, W.	Jan. 1, 1895
529,563	Murray, A.	Nov. 20, 1894	531,851	Bliss, W. L.	Feb. 26, 1895
531,421	Moskowitz, M.	Dec. 25, 1894	535,443	Conklin, J. I.	Mar. 12, 1895
531,764	Biddle, W.	Jan. 1, 1895			

## 176. ELECTRIC LIGHTING.—197. SYSTEMS—DISPLAY.

531,018	Briggs and Patterson	Dec. 18, 1894	540,742	Keevlyn, P. F.	June 11, 1895
540,483	Berry and Harrison	June 4, 1895			

## 176. ELECTRIC LIGHTING.—167. SYSTEMS—HAND REGULATION.

524,383	Herrick, A. B.	Aug. 14, 1894	530,804	Spangenberg, H. K.	Dec. 11, 1894
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## 176. ELECTRIC LIGHTING.—198. SYSTEMS—SAFETY.

525,445	Coykendall, T. C.	Sept. 4, 1894	527,066	Lamme, B. G.	Oct. 9, 1894
525,446	Coykendall, T. C.	Sept. 4, 1894	538,669	Eickemeyer, R.	May 7, 1895

## 176. ELECTRIC LIGHTING.—130. SYSTEMS—SECONDARY BATTERY.

537,358	Powell and Hall	Apr. 9, 1895	539,019	Chamberlain, R. N.	May 7, 1895
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## 176. ELECTRIC LIGHTING.—131. SYSTEMS—TEST.

523,865	O'Neill, G. A.	July 31, 1894	526,644	Stebbins, T.	Sept. 25, 1894
524,844	Smith, H.	Aug. 21, 1894	540,054	Henry, J. C.	May 28, 1895

## 177. ELECTRIC SIGNALING.—1. ALARMS.

524,361	Tilghman, B. C., jr.	Aug. 14, 1894	533,241	Stafford, W. A.	Jan. 29, 1895
525,013	Gordon and Pye.	Aug. 28, 1894	534,158	Judge, C. L.	Feb. 12, 1895
525,548	Humberston, W.	Sept. 4, 1894	534,254	Egerland and Freese.	Feb. 19, 1895
527,092	Ward, B. B.	Oct. 9, 1894	534,311	Bradt, W. H.	Feb. 19, 1895
527,603	Johnson, L. F.	Oct. 16, 1894	534,485	Stansberry and Bettinger.	Feb. 19, 1895
528,881	Kahne, Adkins, Peirce, Martin and Kahne.	Nov. 6, 1894	534,597	Atwood, Aylsworth and Miller.	Feb. 19, 1895
529,975	Thomson and Schmadeke.	Nov. 27, 1894	539,000	Carpenter, A. F.	Feb. 26, 1895
530,368	Upton, C.	Dec. 4, 1894	539,559	Fowler, W.	May 7, 1895
				Tisdale, C. D.	May 21, 1895

## 177. ELECTRIC SIGNALING.—2. ALARMS—BURGLARS.

522,277	Steiner, J.	July 3, 1894	532,291	Scholes and Myers.	Jan. 8, 1895
523,946	Rothenberger, D. M.	July 31, 1894	535,100	Gill, J. B.	Mar. 5, 1895
526,760	Thomson, P. C.	Oct. 2, 1894	537,932	Oram, J. M.	Apr. 23, 1895
529,938	Newlyn, R. A.	Nov. 27, 1894	540,341	Tomney, J.	June 4, 1895
530,975	Stromberg, A.	Dec. 18, 1894	541,719	Clark, C. M.	June 25, 1895
530,976	Stromberg, A.	Dec. 18, 1894			

## 177. ELECTRIC SIGNALING.—201. ALARMS—BURGLAR—SAFE.

530,411	Gilstrap and Gilstrap	Dec. 4, 1894	530,434	Lowe, J. H.	Dec. 4, 1894
539,737	Habershon, R. A.	May 21, 1895			

## 177. ELECTRIC SIGNALING.—3. ANNUNCIATORS.

No.	Name.	Date.	No.	Name.	Date.
527,950	Fiske, B. A -----	Oct. 23, 1894	540,529	Williamson, G. S-----	June 4, 1895

## 177. ELECTRIC SIGNALING.—139. ANNUNCIATORS—DROP.

524,202	Gruschow, R. H-----	Aug. 7, 1894	529,144	Thomson and Galbraith -----	Nov. 13, 1894
525,874	Thomson, H. C-----	Sept. 11, 1894	532,605	Spencer, T-----	Jan. 15, 1895
527,098	Alsop, C. R-----	Oct. 9, 1894	536,104	Spencer, T-----	Mar. 19, 1895

## 177. ELECTRIC SIGNALING.—157. ANNUNCIATORS—DROP SYSTEMS.

527,839	Farnham, I. H-----	Oct. 23, 1894	524,098	Weber, P-----	Aug. 7, 1894
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## 177. ELECTRIC SIGNALING.—158. ANNUNCIATORS—TIME.

533,979	Wilke, W -----	Feb. 12, 1895	537,860	Smith, F. O -----	Apr. 23, 1895
535,484	Carpenter, H. L-----	Mar. 12, 1895			

## 177.—ELECTRIC SIGNALING.—140. ANNUNCIATORS—STEP-BY-STEP.

529,985	Walter, H. E -----	Nov. 27, 1894	539,870	Jennings, F. A-----	May 28, 1895
534,779	Brace, C. H-----	Feb. 26, 1895	540,899	Boudet and Lacombe -----	June 11, 1895

## 177. ELECTRIC SIGNALING.—7. BELLS.

525,145	Geary, J. J -----	Aug. 28, 1894	534,595	Atwood and Aylsworth -----	Feb. 19, 1895
525,169	Varley, R., jr -----	Aug. 28, 1894	539,431	Ingersoll, F. G-----	May 21, 1895
529,373	Field, S. D -----	Nov. 20, 1894	539,966	Sterling, C. B-----	May 28, 1895
530,553	Wooley, E. G -----	Dec. 4, 1894	540,367	Segerdahl, R-----	June 4, 1895
534,330	Harvey, W. A-----	Feb. 19, 1895			

## 177. ELECTRIC SIGNALING.—26. INDICATORS.

530,122	Ongley, C. E-----	Dec. 4, 1894	11,498	Fiske, B. A----- (Reis.)	June 4, 1895
531,669	Weston, E-----	Jan. 1, 1895	541,505	Rymer, W-----	June 25, 1895
538,247	Fiske, B. A-----	Apr. 30, 1895			

## 177. ELECTRIC SIGNALING.—159. INDICATORS—STATION.

535,067	Montagner, J -----				Mar. 5, 1895
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## 177. ELECTRIC SIGNALING.—38. RAILWAY.

11,128	Coleman, J. P ----- (Reis.)	July 10, 1894	534,826	Goodman, E. H -----	Feb. 26, 1895
524,758	Dornberger, L -----	Aug. 21, 1894	533,877	Fielder, C. L-----	Feb. 12, 1895
525,866	Schwenke, P -----	Sept. 11, 1894	533,938	Wilson, D. H -----	Feb. 12, 1895
526,179	Coleman, J. P -----	Sept. 18, 1894	537,133	Thomas, G. L-----	Apr. 9, 1895
527,267	Cuthbert, W. M -----	Oct. 9, 1894	537,268	Boothby, H. E -----	Apr. 9, 1895
531,708	Wessenberg and Wilbur -----	Jan. 1, 1895	538,136	Timmis, I. A -----	Apr. 23, 1895
532,009	Parrish, H. A -----	Jan. 1, 1895	540,641	Daves, W-----	June 11, 1895
534,815	Coleman, J. P -----	Feb. 26, 1895			

## 177. ELECTRIC SIGNALING.—147. RAILWAY—BLOCK.

522,670	Parrish, M. W -----	July 10, 1894	536,547	Selden, C-----	Mar. 26, 1895
536,429	Hermann, E. A -----	Mar. 26, 1895			

## 177. ELECTRIC SIGNALING.—146. RAILWAY—BLOCK SYSTEMS.

No.	Name.	Date.	No.	Name.	Date.
523,767	Hammond, C. A-----	July 31, 1894	529,165	Frischen, J. H -----	Nov. 13, 1894
527,461	St. John, G. B -----	Oct. 16, 1894	532,633	Berrigan and McClure -----	Jan. 15, 1895
528,593	Corrington, M.-----	Nov. 6, 1894	532,930	Wayland, J-----	Jan. 22, 1895
529,059	Bogart and Leonard -----	Nov. 13, 1894	536,764	Snow, F. P-----	Apr. 2, 1895

## 177. ELECTRIC SIGNALING.—148. RAILWAY—CAB.

526,598	Wiley, E. C-----	Sept. 25, 1894	531,146	Baker, C. H-----	Dec. 18, 1894
528,122	Conly, M. S-----	Oct. 23, 1894			

## 177. ELECTRIC SIGNALING.—149. CAB—SECTIONAL RAIL.

522,757	Holtmann and Schmidt -----	July 10, 1894	532,003	Miller, G. E -----	Jan. 1, 1895
524,947	Murray, A. B -----	Aug. 21, 1894	533,398	Snowden and Ives -----	Jan. 29, 1895
523,723	Kinsman, F. E-----	July 31, 1894	535,565	Walsch, W. H -----	Mar. 12, 1895
527,257	Wister, H. H.-----	Oct. 9, 1894	535,332	Guiley, A. H. R-----	Mar. 5, 1895
528,902	Fryer, A-----	Nov. 6, 1894	534,414	Walsh, W. H -----	Feb. 19, 1895
529,920	Klaffky and Faltinowsky -----	Nov. 27, 1894	536,271	Dutrey, J -----	Mar. 26, 1895
529,949	Phillips, W. A-----	Nov. 27, 1894	539,298	Porter, J. Y -----	May 14, 1895
530,798	Richardson, J. V-----	Dec. 11, 1894	539,529	Miller and Miller -----	May 21, 1895
531,025	Edwards, G. E-----	Dec. 18, 1894	539,576	Deming, E-----	May 21, 1895
531,214	Orentt, E. L-----	Dec. 18, 1894	539,840	Ware, A. L-----	May 28, 1895
531,651	Sallada, C. H-----	Jan. 1, 1895	540,859	Gedge, B. H-----	June 11, 1895

## 177. ELECTRIC SIGNALING.—150. RAILWAY—SECTIONAL RAILWAY.

522,431	Ross, J. J -----	July 3, 1894	530,093	Daves, W -----	Dec. 4, 1894
522,473	Lattig, J. W-----	July 3, 1894	530,762	Fry and Basford -----	Dec. 11, 1894
522,523	Lattig, J. W-----	July 3, 1894	530,763	Fry and Basford -----	Dec. 11, 1894
523,491	Thomas, G. L-----	July 24, 1894	531,284	Wilson, A. J-----	Dec. 18, 1894
524,038	Daves, W-----	Ang. 7, 1894	531,919	Frank, J-----	Jan. 1, 1895
524,548	Hermann, E. A-----	Aug. 14, 1894	533,926	Stewart, J. B-----	Feb. 12, 1895
525,290	Seymonr, W. F-----	Aug. 28, 1894	536,871	Goldsmith, N. O-----	Apr. 2, 1895
526,414	Salmon, W. W-----	Sept. 25, 1894	536,872	Goldsmith, N. O-----	Apr. 2, 1895
526,415	Salmon, W. W-----	Sept. 25, 1894	537,198	Guest, J. H-----	Apr. 9, 1895
528,245	Wilson, A. J-----	Oct. 30, 1894	537,757	Dean, J-----	Apr. 16, 1895
528,246	Wilson, A. J-----	Oct. 30, 1894	538,590	Langen, E-----	Apr. 30, 1895
528,997	Sykes and O'Donnell-----	Nov. 13, 1894	539,154	Thomas, A. L-----	May 14, 1895
529,759	Smith, D. W-----	Nov. 27, 1894	539,354	Coleman, J. P-----	May 14, 1895
529,811	Selden and Patenall -----	Nov. 27, 1894	539,396	Stringham, J-----	May 14, 1895
529,812	Selden and Patenall -----	Nov. 27, 1894	541,341	Buisson, J. A-----	June 18, 1895

## 177. ELECTRIC SIGNALING.—151. RAILWAY—TRACK INSTRUMENTS.

526,168	Thomas and Seward -----	Sept. 18, 1894	528,672	Hovey, H. J -----	Nov. 6, 1894
527,099	Alsop, C. R-----	Oct. 9, 1894	533,154	Wiley, E. C-----	Jan. 29, 1895
528,465	Deming, E-----	Oct. 30, 1894			

## 177. ELECTRIC SIGNALING.—39. RECORDERS.

536,210	Jackson, W. E. M-----				Mar. 26, 1895
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## 178. TELEGRAPHY.—46. AUTOMATIC.

522,892	Gray, E-----	July 10, 1894	527,258	Adkins, W. H -----	Oct. 9, 1894
522,893	Gray, E-----	July 10, 1894	529,300	O'Neill, J-----	Nov. 13, 1894

## 178. TELEGRAPHY.—45. CIRCUITS AND SYSTEMS.

522,837	Johnson, L. F-----	July 10, 1894	535,299	Shea, C. A-----	Mar. 5, 1895
524,239	Blake, L. I-----	Ang. 7, 1894	540,477	Willot, C. R. J-----	Jnne 4, 1895
527,518	Weaver, A. D-----	Oct. 16, 1894	540,772	Willoughby, C-----	Jnne 11, 1895
533,967	Shea, C. A-----	Feb. 12, 1895	540,949	Clark, E. A-----	June 11, 1895
534,084	Shea, C. A-----	Feb. 12, 1895			

## CLASSIFIED INDEX—ELECTRICITY.

## 178. TELEGRAPHY.—48. DUPLEX.

No.	NAME.	DATE.	No.	NAME.	DATE.
537,644	Morris, R. H.				Apr. 16, 1895

## 178. TELEGRAPHY.—50. FIRE.

522,231	Sachs, J.	July 3, 1894	528,127	Hunter and Lough	Oct. 23, 1894
523,120	Hibbard, W. W.	July 17, 1894	528,566	Seitzinger, H. M.	Nov. 6, 1894
523,121	Hibbard, W. W.	July 17, 1894	530,236	Noyes, B. J.	Dec. 4, 1894
523,798	Mehren, J. F.	July 31, 1894	530,808	Trudel, H.	Dec. 11, 1894
526,893	Decrow, W. E.	Oct. 2, 1894	533,014	Noyes, B. J.	Jan. 22, 1895
528,075	Chase, H. A.	Oct. 23, 1894	533,251	Turner, F. A.	Jan. 29, 1895

## 178. TELEGRAPHY.—160. FIRE—AUTOMATIC.

524,374	Bernhardt, C.	Aug. 14, 1894	11,471	Ludlow, S. W.	(Reis.)	Feb. 12, 1895
524,973	White, J. W.	Aug. 21, 1894	539,511	Gruner, A.		May 21, 1895
529,000	Tunnard and Keays	Nov. 13, 1894				

## 178. TELEGRAPHY.—163. FIRE—NON-INTERFERING.

523,122	Hibbard, W. W.	July 17, 1894	523,124	Hibbard, W. W.	July 17, 1894
523,123	Hibbard, W. W.	July 17, 1894	533,490	Paynter and Thompson	Feb. 5, 1895

## 178. TELEGRAPHY.—165. FIRE—REPEATERS.

529,986	Walter, H. E.	Nov. 27, 1894	541,225	Crane, M. G.	June 18, 1895
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## 178. TELEGRAPHY.—164. FIRE—VARIABLE SIGNAL.

534,364	Decrow, W. E.				Feb. 19, 1895
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## 178. TELEGRAPHY.—161. FIRE—VARIABLE SIGNAL—DIAL.

525,649	Garven, W. H.	Sept. 4, 1894	537,161	Kirnan, W. H.	Apr. 9, 1895
529,984	Walter, H. E.	Nov. 27, 1894	539,701	Noyes, B. J.	May 21, 1895
534,908	Noyes, B. J.	Feb. 26, 1895	540,422	Chase, H. A.	June 4, 1895

## 178. TELEGRAPHY.—103. FIRE—ALARMS AND EXTINGUISHERS.

530,191	Manning, C. E.	Dec. 4, 1894	540,264	Lorrain, J.G.	June 4, 1895
539,234	Neu, G. S.	May 14, 1895			

## 178. TELEGRAPHY.—51. MULTIPLEX.

539,369	Rogers, J. H.				May 14, 1895
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## 178. TELEGRAPHY.—54. PRINTING.

523,617	Boughtou, C. V.	July 24, 1894	535,179	Spiro, C.	Mar. 5, 1895
524,118	Rogers, J. H.	Aug. 7, 1894	536,766	Spiro, C.	Apr. 2, 1895
534,639	Essick, S. V.	Feb. 26, 1895	541,149	Burry, J.	June 18, 1895

## 178. TELEGRAPHY.—141. PRINTING—MULTIPLE WHEEL.

525,037	Wendleboe, P.	Aug. 28, 1894	529,484	Fiske, B. A.	Nov. 20, 1894
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## 178. TELEGRAPHY.—142. PRINTING—WHEEL.

NO.	NAME.	DATE.	NO.	NAME.	DATE.
524,711	Fowden, R. A-----	Aug. 21, 1894	535,810	Burry, J -----	Mar. 19, 1895
529,630	Scott, G. A-----	Nov. 20, 1894	537,464	Kleber, O. L-----	Apr. 16, 1895
531,677	Essick, S. V-----	Jan. 1, 1895			

## 178. TELEGRAPHY.—55. QUADRUPLEX.

540,974	Grandy, D. B -----				June 11, 1895
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## 178. TELEGRAPHY.—56. RAILWAY CARS.

523,847	Baker, W. H-----	July 31, 1894	541,389	Devine, E. J-----	June 18, 1895
525,082	Levy, M. Z-----	Aug. 28, 1894			

## 178. TELEGRAPHY.—10. CIRCUIT CLOSERS.

525,291	Slater, J-----	Aug. 28, 1894	530,839	Guthrie, W. A-----	Dec. 11, 1894
528,589	Brownell and Seager-----	Nov. 6, 1894	532,860	Belding, E. C. T-----	Jan. 22, 1895
529,578	Badt, F. B-----	Nov. 20, 1894	539,079	Oehring, A. J-----	May 14, 1895
530,004	Blake, J. F-----	Nov. 27, 1894	541,227	Elieson, C. P-----	June 18, 1895
530,184	Keeson, H. V-----	Dec. 4, 1894	541,243	Manger, F. W-----	June 18, 1895

## 178. TELEGRAPHY.—202. CIRCUIT CLOSERS—BURGLAR.

522,632	Walsh, P. J-----				July 10, 1894
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## 178. TELEGRAPHY.—128. CIRCUIT CLOSERS—THERMAL.

522,346	Mann, C. A-----	July 3, 1894	527,375	Rowand, L. G-----	Oct. 9, 1894
522,972	Cuttries, C-----	July 17, 1894	528,189	Thomson, E-----	Oct. 30, 1894
523,701	White, J. W-----	July 31, 1894	530,430	Klein, H-----	Dec. 4, 1894
526,220	Coleman, C. J-----	Sept. 18, 1894	533,183	Storrs, H. C-----	Jan. 29, 1895

## 178. TELEGRAPHY.—29. KEYS.

530,082	Bliss, L. D-----	Dec. 4, 1894	538,651	Bradford, C. W-----	May 7, 1895
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## 178. TELEGRAPHY.—30. LIGHTNING ARRESTERS.

523,697	Voorhees, G. T-----	July 31, 1894	532,354	Wurts, A-----	Jan. 8, 1895
525,840	Courtwright, A. L-----	Sept. 11, 1894	533,814	Penton, Gartland and Casserly-----	Jan. 22, 1895
526,736	Pearson, F. S-----	Oct. 2, 1894	535,086	Wurts, A-----	Mar. 5, 1895
531,929	Harden, T-----	Jan. 1, 1895	536,095	O'Connell, J. J-----	Mar. 19, 1895
532,353	Wurts, A-----	Jan. 8, 1895	537,513	Wightman, M. J-----	Apr. 16, 1895

## 178. TELEGRAPHY.—41. RELAYS AND SOUNDERS.

523,119	Harkins, C. D-----	July 17, 1894	531,188	Howe, F. F-----	Dec. 18, 1894
525,020	Jungen, E. W-----	Aug. 28, 1894	536,559	Willott, C. K. J-----	Mar. 26, 1895
526,965	Cox, P. D-----	Oct. 2, 1894	538,816	Bunnell, J. H-----	May 7, 1895

## 178. TELEGRAPHY.—42. REPEATERS.

522,500	Weaver and Weaver-----	July 3, 1894	536,420	Delaney, P. B-----	Mar. 26, 1895
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## 178. TELEGRAPHY.—69. TRANSMITTERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
522,454	Crepar, T. M -----	July 3, 1894	531,854	O'Neill, J. J-----	Jan. 1, 1895
524,635	Howe, F. F-----	Aug. 14, 1894	534,025	Yetman, C. E-----	Feb. 12, 1895
530,957	Mullinex, E. E-----	Dec. 18, 1894			

## 179. TELEPHONY.—82. ANTI-INDUCTION DEVICES.

534,083	Shea, C. A-----	Feb. 12, 1895	534,085	Shea, C. A-----	Feb. 12, 1895
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## 179. TELEPHONY.—81. CONDUCTORS—ANTI-INDUCTIVE.

529,559	Marsh, J. W -----	Nov. 20, 1894	531,614	Guilleaume, T -----	Dec. 25, 1894
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## 179. TELEPHONY.—57. TELEPHONES—CALLS.

524,172	Jacques, W. W-----	Aug. 7, 1894	534,405	Price, J. D -----	Feb. 19, 1895
524,173	Jacques, W. W-----	Aug. 7, 1894	540,620	Alexander, W. W-----	June 11, 1895
525,702	Gilliland, E. T-----	Sept. 11, 1894			

## 179. TELEPHONY.—144. TELEPHONES—STEP-BY-STEP.

529,465	Sabin, J. S-----				Nov. 20, 1894
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## 179. TELEPHONY.—145. TELEPHONES—STRENGTH AND POLARITY.

529,894	Cary, J. H -----				Nov. 27, 1894
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## 179. TELEPHONY.—58. TELEPHONES—DETAILS.

527,759	Gentry, W. T-----	Oct. 16, 1894	539,636	Nellie and Weisser -----	May 21, 1895
529,609	Deunison and Geary -----	Nov. 20, 1894	540,761	Scott, W. W -----	June 11, 1895
535,615	Dean, W. W-----	Mar. 12, 1895			

## 179. TELEPHONY.—59. TELEPHONES—ELECTRIC.

522,404	Cole, W. R -----	July 3, 1894	531,194	Kusel, D. A -----	Dec. 18, 1894
524,524	Colvin, F. R-----	Aug. 14, 1894	535,247	Jacques, W. W -----	Mar. 5, 1895
530,115	Morehouse, M. A-----	Dec. 4, 1894	535,289	Jacques, W. W -----	Mar. 5, 1895
530,315	Williams, J. F-----	Dec. 4, 1894	539,086	Rice, R. F -----	May 14, 1895
530,575	Boardman, A. F-----	Dec. 11, 1894	539,437	Mercadier, E. J. P-----	May 21, 1895

## 179. TELEPHONY.—184. TELEPHONES—GRANULAR.

523,276	Grissinger, T-----	July 17, 1894	539,163	Brown, A. C-----	May 14, 1895
525,201	Goodman and Goodman -----	Aug. 28, 1894	540,781	Drawbaugh, D -----	June 11, 1895
527,214	McCoubrey, T-----	Oct. 9, 1894	540,959	Drawbaugh, D -----	June 11, 1895
528,640	Lockwood and Lockwood -----	Nov. 6, 1894	540,960	Drawbaugh, D -----	June 11, 1895
530,412	Goodman and Goodman -----	Dec. 4, 1894	540,961	Drawbaugh, D -----	June 11, 1895
533,739	McCoubrey, T-----	Feb. 5, 1895	541,036	Clammond, C-----	June 11, 1895
535,284	Goodman and Goodman -----	Mar. 5, 1895	541,037	Clammond, C-----	June 11, 1895

## 179. TELEPHONY.—185. TELEPHONES—MULTIPLE ELECTRODE.

526,139	Baldwin, H. L-----	Sept. 18, 1894	532,979	Mason, W. A-----	Jan. 22, 1895
526,888	Anthony, M. O-----	Oct. 2, 1894			

## 179. TELEPHONY.—60. TELEPHONES—MAGNETIC.

No.	Name.	Date.	No.	Name.	Date.
523,630	Field, S. D	July 24, 1894	530,516	Field, S. D	Dec. 11, 1894
526,865	Libbey, H. W.	Oct. 2, 1894	536,763	Serdniko, J.	Apr. 2, 1895
529,174	Higgins, O.	Nov. 13, 1894	536,914	Brown, F. H.	Apr. 2, 1895
529,203	Serdniko, J.	Nov. 13, 1894	539,068	Martin, M.	May 14, 1895
529,818	Stromberg and Carlson	Nov. 27, 1894	540,969	Field, S. D	June 11, 1895

## 179. TELEPHONY.—100. TELEPHONES—SUPPORTS.

526,549	Weber, W.	Sept. 25, 1894	535,042	Wullweber, O. L.	Mar. 5, 1895
533,619	Stuebing, W.	Feb. 5, 1895	536,705	Robeson, W. B.	Apr. 2, 1895
534,547	Burcell, N. L.	Feb. 19, 1895	538,328	Gilliland, E. T.	Apr. 30, 1895

## 179. TELEPHONY.—85. TELEPHONES—SWITCH-BOARDS.

525,708	Herrick, A. B.	Sept. 11, 1894	536,809	Jones, F. W.	Apr. 2, 1895
529,999	Berthon, L. A.	Nov. 27, 1894	540,117	Spencer, T.	May 28, 1895
531,424	Palmer, A. H.	Dec. 25, 1894	541,152	Cook, F. B.	June 18, 1895

## 179. TELEPHONY.—71. TELEPHONES—SWITCHES.

522,707	Colvin, F. R.	July 10, 1894	533,427	Bayne, H. D.	Feb. 5, 1895
523,613	Ziegler, J. O.	July 24, 1894	534,359	Clammond, C.	Feb. 19, 1895
524,387	Johnson, H. T.	Aug. 14, 1894	535,540	Holland, N. H.	Mar. 12, 1895
524,480	Chase, H. A.	Aug. 14, 1894	536,481	Price, J. D.	Mar. 26, 1895
529,826	Combs, E. S.	Nov. 27, 1894	538,454	Meyer, A. F. M.	Apr. 30, 1895
530,208	Stromberg and Carlson	Dec. 4, 1894	539,170	Cook, F. B.	May 14, 1895
531,913	Davis, A. G.	Jan. 1, 1895	539,276	Kelly, T.	May 14, 1895

## 179. TELEPHONY.—64. TELEPHONES—SYSTEMS.

522,564	Huntin and Leblanc	July 3, 1894	534,970	Rolfe, C. A.	Feb. 26, 1895
523,132	Scribner, C. E.	July 17, 1894	536,382	Holman, S. W.	Mar. 26, 1895
529,421	Scribner, C. E.	Nov. 20, 1894	537,282	Frost, E. F.	Apr. 9, 1895
531,515	Davis, A. B.	Dec. 25, 1894	537,603	Decker, W.	Apr. 16, 1895
534,670	Rolfe, C. A.	Feb. 26, 1895	537,967	Coonan, W.	Apr. 23, 1895
534,671	Rolfe, C. A.	Feb. 26, 1895	538,474	Absterdam, J. A.	Apr. 30, 1895

## 179. TELEPHONY.—101. TELEPHONES—SYSTEMS, AUTOMATIC.

523,590	Childs, W.	Nov. 6, 1894	533,893	Hey and Parsons	Feb. 12, 1895
528,591	Childs, W.	Nov. 6, 1894	535,806	Nissl, F.	Mar. 12, 1895
528,592	Colvin, F. R.	Nov. 6, 1894	538,975	McDonough, J. W.	May 7, 1895
530,324	Callender, R.	Dec. 4, 1894	540,168	Keith and Lundquist	May 28, 1895

## 179. TELEPHONY.—186. TELEPHONES—SYSTEMS, CENTRAL.

522,925	Wales, T. C., jr.	July 10, 1894	533,148	Scribner, C. E.	Jan. 29, 1895
524,009	Warrell, F. G.	Aug. 7, 1894	533,785	Brooks, M.	Feb. 5, 1895
532,769	Cook, F. B.	Jan. 22, 1895	536,920	Colvin, F. R.	Apr. 2, 1895
533,146	Scribner, C. E.	Jan. 29, 1895	538,327	Gilliland, E. T.	Apr. 30, 1895
533,147	Scribner, C. E.	Jan. 29, 1895	541,077	Dean, W. W.	June 18, 1895

## 179. TELEPHONY.—133. TELEPHONES—SYSTEMS, DIVIDED CENTRAL.

531,650	Sabin and Hampton	Jan. 1, 1895	534,373	Pickernell, F. A.	Feb. 19, 1895
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## 179. TELEPHONY.—187. TELEPHONES—SYSTEMS, HOUSE.

531,078	Wales, T. C.	Dec. 18, 1894	536,467	Gillette and Williams	Mar. 26, 1895
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## 179. TELEPHONY.—134. TELEPHONES—SYSTEMS, INTERMEDIATE SUB-STATION.

NO.	NAME.	DATE	NO.	NAME.	DATE.
533,142	Sabin and Hampton -----	Jan. 29, 1895	539,142	McDaniel, C. W-----	May 14, 1895

## 179. TELEPHONY.—135. TELEPHONES—SYSTEMS, MULTIPLE SWITCH-BOARD.

539,099	Taintor, G-----				May 14, 1895
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## 179. TELEPHONY.—136. TELEPHONES—SYSTEMS, MULTIPLE SWITCH-BOARD, DIVIDED CENTRAL.

528,040	Spencer, T-----	Oct. 23, 1894	536,787	Hayes and Spencer -----	Apr. 2, 1895
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## 179. TELEPHONY.—137. TELEPHONES—SYSTEMS, MULTIPLE SWITCH-BOARD, TEST.

527,393	Polk, R. H-----	Oct. 9, 1894	540,012	Adbemar, d'G-----	May 28, 1895
535,745	De la Touanne, C. F. G. M. B	Mar. 12, 1895	540,239	Dean, W. W-----	June 4, 1895

## 58. HOROLOGY.—28. CLOCKS—ELECTRIC.

527,528	Gullberg, C-----	Oct. 16, 1894	534,320	Crook, C. M-----	Feb. 19, 1895
527,786	Hammer, E. G-----	Oct. 23, 1894	535,370	Gregory, F. L-----	Mar. 12, 1895
528,960	Lungen, A-----	Nov. 13, 1894	536,926	Ethridge and Eastman -----	Apr. 2, 1895
534,318	Crook, C. M-----	Feb. 19, 1895	537,032	Gregory, F. L-----	Apr. 9, 1895
534,319	Crook, C. M-----	Feb. 19, 1895			

## 58. HOROLOGY.—15. TIME ALARMS.

528,678	McDonnell, M-----	Nov. 6, 1894	535,948	Frick, F-----	Mar. 19, 1895
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## 58. HOROLOGY.—16. TIME-CHECKS.

524,386	Johnson, H. T-----				Aug. 14, 1894
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## 126. STOVES AND FURNACES.—117. HEATERS—ELECTRIC.

522,718	Leonard, H. W-----	July 10, 1894	538,271	O'Neill, H. G-----	Apr. 30, 1895
527,050	Collins, H. B-----	Oct. 9, 1894	540,244	Gold, E. E-----	June 4, 1895
527,324	Davis, J. R-----	Oct. 9, 1894	540,398	Meek, J. E-----	June 4, 1895
537,009	Burton, G. D-----	Apr. 9, 1895			

## 84. MUSIC.—81. ELECTRIC ACTIONS.

536,977	Votey, Flemming and Wood--	Apr. 2, 1895	536,978	Votey, Flemming and Wood--	Apr. 2, 1895
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## 145. ANNEALING AND TEMPERING.—10. APPLICATIONS OF ELECTRICITY.

538,979	Platt, J-----				May 7, 1895
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## 83. MILLS.—65. AMALGAMATORS—ELECTRIC.

527,150	Ludwig, J. C-----				Oct. 9, 1894
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## 83. MILLS.—71. MAGNETIC SEPARATORS.

528,053	Williams, W. H-----	Oct. 23, 1894	528,055	Williams, H. A-----	Oct. 23, 1894
528,054	Williams, W. H-----	Oct. 23, 1894			

## 206. METAL WELDING.—8. WORKING.

No.	NAME.	DATE.	No.	NAME.	DATE.
523,957	Burton, G. D -----	July 31, 1894	537,007	Burton, G. D -----	Apr. 9, 1895
523,986	Lemp and Moody-----	Aug. 7, 1894	537,008	Burton, G. D -----	Apr. 9, 1895
523,987	Lemp and Moody-----	Aug. 7, 1894	537,011	Burton, G. D -----	Apr. 9, 1895
532,838	Thomson, E -----	Jan. 22, 1895	537,012	Burton, G. D -----	Apr. 9, 1895
537,004	Burton, G. D -----	Apr. 9, 1895	537,013	Burton, G. D -----	Apr. 9, 1895
537,005	Burton, G. D -----	Apr. 9, 1895	537,014	Burton, G. D -----	Apr. 9, 1895
537,006	Burton, G. D -----	Apr. 9, 1895	537,402	Burton and Angell -----	Apr. 9, 1895

## 104. RAILWAYS.—111. PLEASURE RAILWAYS.

527,990	Idler, C. A -----	Oct. 23, 1894
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## 188. RAILWAY BRAKES.—24. BRAKES.

534,974	Sperry, E. A -----	Feb. 26, 1895
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## 188. RAILWAY BRAKES.—37. MAGNETIC CLUTCH—WINDING DRUM.

534,975	Sperry, E. A -----	Feb. 26, 1895
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## 188. RAILWAY BRAKES.—38. MAGNETIC SHOE.

534,977	Sperry, E. A -----	Feb. 26, 1895
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## 105. RAILWAY ROLLING STOCK.—240. MOTORS—EQUALIZING LEVERS.

540,068	Loomis, D. W -----	May 28, 1895
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## 194. COIN-CONTROLLED APPARATUS.—16. MISCELLANEOUS.

527,977	Heinze, J. O., jr -----	Oct. 23, 1894
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## APPENDIX No. XIV.

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### PART II.

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CONSISTING OF A

### NUMERICAL AND CHRONOLOGICAL INDEX OF ALL PATENTS

RELATING TO

### ELECTRICITY.

Issued from July 1, 1894, to June 30, 1895, inclusive, giving names of Inventors, numbers and dates of Patents, and the sub-class to which each belongs.

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# NUMERICAL INDEX

OF

## PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1894, TO JUNE 30, 1895.

No.	NAME.	CLASS.	DATE.
522,189	Blackwell, F. O.	Electric locomotives	July 3, 1894
522,231	Sachs, J.	Telegraphy, fire	July 3, 1894
522,232	Sachs, J.	Cut-outs, thermal	July 3, 1894
522,233	Schweitzer, A.	Lights, arc, gravity feed, gear-clutch	July 3, 1894
522,241	Thomson, E.	Motors, alternating	July 3, 1894
522,274	Scribner, C. E.	Regulators	July 3, 1894
522,275	Scribner, C. E.	do	July 3, 1894
522,276	Smith, A. W.	Lights, arc, gravity feed, clutch	July 3, 1894
522,277	Steiner, J.	Alarms, burglar	July 3, 1894
522,286	Bradley, C. S.	Magneto-electric, bipolar	July 3, 1894
522,294	Heymann and Heymann	Lights, arc, gravity feed, gear-clutch	July 3, 1894
522,302	Nashold, E.	Insulators	July 3, 1894
522,327	Kester, J. F.	Lights, arc, gravity feed, gear-clutch	July 3, 1894
522,332	Van Vleck, J.	Cut-outs, mechanical, rotary	July 3, 1894
522,344	Kelley, J. F.	Motors, alternating	July 3, 1894
522,345	Kelley, J. F.	do	July 3, 1894
522,346	Mann, C. A.	Telegraphy, circuit closers, thermal	July 3, 1894
522,349	Meyer, J.	Connectors	July 3, 1894
522,356	Stanley, W., jr.	Motors	July 3, 1894
522,362	Crane, W. F. D.	Railways, conductor supports and insulators	July 3, 1894
522,370	Herman, R.	Connectors	July 3, 1894
522,374	Hunnter, R. M.	Railways, systems, multiple arc	July 3, 1894
522,385	Perrin, F. S.	Railways, systems, overhead	July 3, 1894
522,404	Cole, W. R.	Telephones, electric	July 3, 1894
522,424	Mace, R.	Insulators	July 3, 1894
522,431	Ross, J. J.	Railway signals, sectional rail	July 3, 1894
522,440	Tyrell, J. H.	Railways, systems, conduit	July 3, 1894
522,454	Crepar, T. M.	Telegraphy, transmitters	July 3, 1894
522,460	Fay, A. T.	Railways, systems, couduit	July 3, 1894
522,461	Fay, A. T.	Railways, systems, closed conduit	July 3, 1894
522,473	Lattig, J. W.	Railway signals, sectional rail	July 3, 1894
522,479	Morrison, W.	Batteries, secondary	July 3, 1894
522,500	Weaver and Weaver	Telegraphy, repeaters	July 3, 1894
522,506	Burton and Angell	Inductariums, transformers, stationary	July 3, 1894
522,507	Burton and Angell	do	July 3, 1894
522,527	Larson, C. W.	Cut-outs, electro-magnetic	July 3, 1894
522,528	Lattig, J. W.	Railway signals, sectional rail	July 3, 1894
522,564	Hntin and Leblanc	Telephones, systems	July 3, 1894
522,580	Bell, L.	Magneto-electric, multipolar	July 10, 1894
522,581	Blood, J. R.	Motors, hand-operating devices	July 10, 1894
522,597	Hutchinson, J.	Lights, sockets and keys	July 10, 1894
522,614	Roberts, I. L.	Electrolysis, aqueous bath, apparatus	July 10, 1894
522,615	Roberts, I. L.	Electrolysis, aqueous bath, chemicals	July 10, 1894
522,616	Roberts, I. L.	do	July 10, 1894
522,617	Roberts, I. L.	do	July 10, 1894
522,618	Roberts, I. L.	do	July 10, 1894
522,619	Roberts, I. L.	do	July 10, 1894
522,621	Scheffaner, R.	Lighting, systems	July 10, 1894
522,632	Walsh, P. J.	Telegraphy, circuit closers, burglar	July 10, 1894
522,655	Creveling, J. L.	Railways, systems, conduit	July 10, 1894
522,664	Kleinstenber and Kleinstenber	Conductors, underground	July 10, 1894
522,670	Parrish, M. W.	Railway signals, block	July 10, 1894
522,672	Scheeffer, G. A.	Meters	July 10, 1894
522,690	Okun, M. S.	Lights, arc, gravity feed, clutch	July 10, 1894
522,707	Meyer, M. P.	Lights, sockets and keys	July 10, 1894
522,709	Colvin, F. R.	Telephones, switches	July 10, 1894
522,710	Green, J. J.	Railways, systems, closed conduit	July 10, 1894
522,711	Green, J. J.	do	July 10, 1894
522,718	Leonard, H. W.	Heaters, electric	July 10, 1894
522,727	Chambers, J. C.	Igniting devices, manual	July 10, 1894
522,735	Kirkegaard, P.	Lights, arc, gravity feed, gear-clutch	July 10, 1894
522,757	Holtmann and Schmidt	Railway signals, cab, sectional rail	July 10, 1894

No.	NAME.	CLASS.	DATE.
522,790	Gwynn, E. F.	Lights, arc, gravity feed, gear-clutch	July 10, 1894
522,820	Bentley, E. M.	Transmission of power	July 10, 1894
522,834	Hopkinsou, E.	Electric locomotives	July 10, 1894
522,836	Johnson, L. F.	Batteries, galvanic	July 10, 1894
522,837	Johnson, L. F.	Telegraphy, circuits and systems	July 10, 1894
522,839	Knöfler, O.	Electrolysis, aqueous bath, apparatus	July 10, 1894
522,841	Lawlor, W. E. J.	Body-wear	July 10, 1894
522,844	Lieb, G. W.	Railways, conductor supports and insulators	July 10, 1894
522,845	Lieb, G. W.	Railways, systems, overhead, trolleys	July 10, 1894
522,851	Peirce, A. W. K.	Motors, hand-operating devices	July 10, 1894
522,859	Shugg, J. H.	Magneto-electric, armature, drum	July 10, 1894
522,865	Thomson, E.	Cut-outs, mechanical, sliding	July 10, 1894
522,892	Gray, E.	Telegraphy, automatic	July 10, 1894
522,893	Gray, E.	do	July 10, 1894
522,894	Greer, C. I.	Railways, systems, closed conduit	July 10, 1894
522,896	Heuley, H. C.	Lights, incandescent, special features	July 10, 1894
522,915	McBeau, A. S.	Railways, systems, overhead, trolleys	July 10, 1894
522,915	Reiff and Munk	Igniting devices	July 10, 1894
522,925	Wales, T. C., jr.	Telephones, systems, central	July 10, 1894
522,934	Eberhard and Schinkatt	Igniting devices, manual	July 10, 1894
522,948	Weston, E.	Galvanometers	July 10, 1894
522,949	Westou, E.	do	July 10, 1894
522,950	Westou, E.	do	July 10, 1894
11,128	Coleman, J. P.	(Reis.) Railway signals	July 10, 1894
522,964	Burnett and Doane	Lights, incandescent	July 17, 1894
522,972	Cuttries, C.	Telegraphy, circuit closers, thermal	July 17, 1894
522,983	Hewett, G.	Batteries, galvanic	July 17, 1894
522,986	Houston, E. J.	Systems of distribution	July 17, 1894
522,988	Kelley, J. F.	Inductoiums, transformers, stationary	July 17, 1894
522,999	McCulloch, A. H.	Connectors	July 17, 1894
523,019	Tbomson, E.	Magneto-electric	July 17, 1894
523,026	Waite, C. N.	Electrolysis, aqueous bath, apparatus	July 17, 1894
523,027	Weber and Mareley	Magneto-electric, armature, ring	July 17, 1894
523,055	Silvey, W. L.	Batteries, secondary	July 17, 1894
523,074	Kester, J. F.	Cut-outs, mechaical	July 17, 1894
523,104	Butler, W. A.	Railways, systems, closed conduit	July 17, 1894
523,119	Flarkins, C. D.	Telegraphy, relays and souuders	July 17, 1894
523,120	Hibbard, W. W.	Telegraphy, fire	July 17, 1894
523,121	Hibbard, W. W.	do	July 17, 1894
523,122	Hibbard, W. W.	Telegraphy, fire, nouinterfering	July 17, 1894
523,123	Hibbard, W. W.	do	July 17, 1894
523,124	Hibbard, W. W.	do	July 17, 1894
523,132	Scribner, C. E.	Telephones, systems	July 17, 1894
523,140	Denison, J. F.	Motors	July 17, 1894
523,144	Frost, W. E.	Lights, arc, gravity feed, ring-clutch	July 17, 1894
523,146	Jenney, C. D.	Railways, systems, closed conduit	July 17, 1894
523,160	Blakesley, G. W.	Conucctors	July 17, 1894
523,161	Coykendall, T. C.	Magneto-electric, armature, drum	July 17, 1894
523,164	Johnsou, E. H.	Railways, systems, closed conduit	July 17, 1894
523,165	Johnsou, E. H.	do	July 17, 1894
523,166	Johnsou, E. H.	do	July 17, 1894
523,172	Nichols and Lincoln	Railways, systems, overhead	July 17, 1894
523,204	Forest, W. E.	Lights, incandescent	July 17, 1894
523,247	Tilmann, E.	Magneto-electric, bipolar	July 17, 1894
523,262	Cannot, G. A.	Electrolysis, aqueous bath, chemicals	July 17, 1894
523,263	Cannot, G. A.	do	July 17, 1894
523,264	Cannot, G. A.	Lights, filaments and carbons	July 17, 1894
523,271	Eisenhuth, J. W.	Railways, systems, conduit	July 17, 1894
523,276	Grissinger, T.	Telephones, graular	July 17, 1894
523,278	Hallas, J. G.	Connectors	July 17, 1894
523,284	Johnstou, A. L.	do	July 17, 1894
523,305	Criggal, J. E.	Lights, incandescent	July 17, 1894
523,306	Doty, H. A.	Railways, systems, closed conduit	July 17, 1894
523,317	Hunter, R. M.	Railways, systems, circuits, multiple arc	July 17, 1894
523,319	Eisenhuth, J. W.	Railways, systems, conduit	July 17, 1894
523,354	Keller, E. E.	Electric locomotives	July 24, 1894
523,371	Peyrusson, A. E.	Batteries, secondary	July 24, 1894
523,395	Clough, A. L.	Lights, incandescent	July 24, 1894
523,386	Crehore, A. C.	Railways, circuits, multiple arc	July 24, 1894
523,401	Horry, W. S.	Systems of distribution	July 24, 1894
523,453	Biddle, W.	Electric locomotives	July 24, 1894
523,460	Cazin, F. M. F.	Lights, incandescent	July 24, 1894
523,461	Cazin, F. M. F.	do	July 24, 1894
523,491	Thomas, G. L.	Railway signals, sectional rail	July 24, 1894
523,566	Brocq, F. A.	Meters	July 24, 1894
523,572	Hassler, R. H.	Inductoiums, transformers, stationary	July 24, 1894
523,586	Moore, J. W.	Regulators	July 24, 1894

## NUMERICAL INDEX—ELECTRICITY.

No.	NAME.	CLASS.	DATE.
523,613	Ziegler, J. O	Telephones, switches	July 24, 1894
523,617	Boughton, C. V	Telegraphy, printing	July 24, 1894
523,625	Drummond, E. M	Railways, systems, overhead, trolleys	July 24, 1894
523,630	Field, S. D	Telephones, magnetic	July 24, 1894
523,653	Ball, H. P	Insulators	July 31, 1894
523,662	Hartmann, E	Meters	July 31, 1894
523,663	Hoffmann, J	Magneto-electric	July 31, 1894
523,668	Knight, W. H	Regulators	July 31, 1894
523,685	Reist, H. G	Magneto-electric	July 31, 1894
523,695	Thomson, E	Galvanometers	July 31, 1894
523,697	Voorhees, G. T	Telegraphy, lightning arresters	July 31, 1894
523,701	White, J. W	Telegraphy, circuit closers, thermal	July 31, 1894
523,704	Duncan, T	Meters	July 31, 1894
523,723	Kinsman, F. E	Railway signals, cabs, sectional rail	July 31, 1894
523,724	Linton, G. E	Cut-outs, mechanical	July 31, 1894
523,767	Hammond, C. A	Railway signals, block system	July 31, 1894
523,776	Parshall, H. F	Magneto-electric	July 31, 1894
523,779	Rice, E. W., jr	Regulators, alternating	July 31, 1894
523,798	Mehren, J. F	Telegraphy, fire	July 31, 1894
523,805	Cabot, J. A	Inductoforms, transformers, stationary	July 31, 1894
523,822	Vau Depoele, C. J	Transmission of power	July 31, 1894
523,847	Baker, W. H	Telegraphy, railway cars	July 31, 1894
523,865	O'Neill, G. A	Lighting, systems, test	July 31, 1894
523,873	Veeder and Priest	Regulators	July 31, 1894
523,889	Gandner, J. F	Cut-outs, electro-magnetic	July 31, 1894
523,892	Heil, A	Batteries, galvanic	July 31, 1894
523,893	Honek, T. J	Lights, arc, special features	July 31, 1894
523,946	Rothenberger, D. M	Alarms, burglar	July 31, 1894
523,957	Burton, G. D	Metal welding	July 31, 1894
11,433	McKeown, J. B	Lights, arc, gravity feed, clutch	July 31, 1894
523,958	Lemp and Moody	Metal welding	Aug. 7, 1894
523,957	Lemp and Moody	do	Aug. 7, 1894
523,995	Porter, H. B	Motors	Aug. 7, 1894
523,998	Bennerfelt, G	Magneto-electric	Aug. 7, 1894
524,003	Stont, G. G	Lights, arc, special features	Aug. 7, 1894
524,009	Warrell, F. G	Telephones, systems, central	Aug. 7, 1894
524,011	Whitmore, F. C	Motors	Aug. 7, 1894
524,014	Yakel, L	Railways, conductors, supports and insulators	Aug. 7, 1894
524,017	Bourdereaux, G. L	Railways, systems, overhead trolleys	Aug. 7, 1894
524,020	Eickemeyer, R	Regulators	Aug. 7, 1894
524,025	Hunter, R. M	Railways, systems, conduit	Aug. 7, 1894
524,038	Daves, W	Railway signals, sectional rail	Aug. 7, 1894
524,044	Merritt and Roe	Motors, reciprocating	Aug. 7, 1894
524,066	Macfarland, D	Conductors	Aug. 7, 1894
524,098	Weber, P	Annunciators, drop system	Aug. 7, 1894
524,100	Beardsley, L. S	Conductors	Aug. 7, 1894
524,109	Hammond, C. H	Lighting, ceiling blocks	Aug. 7, 1894
524,116	Pendleton, W. S	Lights, arc, positive feed, step gear-clutch	Aug. 7, 1894
524,117	Rice, E. W	Electric locomotives	Aug. 7, 1894
524,118	Rogers, J. H	Telegraphy, printing	Aug. 7, 1894
524,119	Sayers, W. B	Magneto-electric, bipolar	Aug. 7, 1894
524,120	Speare, A. J	Medical and surgical electrode	Aug. 7, 1894
524,136	Edison, T. A	Regulators	Aug. 7, 1894
524,156	Bachinan, O. B	Medical and surgical electrode	Aug. 7, 1894
524,165	Downes, L. W	Inductoforms, induction coils	Aug. 7, 1894
524,172	Jacques, W. W	Telephones, calls	Aug. 7, 1894
524,173	Jacques, W. W	do	Aug. 7, 1894
524,188	Wood, J. J	Inductoforms, stationary	Aug. 7, 1894
524,202	Grnschow, R. H	Annunciators, drop	Aug. 7, 1894
524,229	Walker, Wilkins, and Jones	Batteries, galvanic	Aug. 7, 1894
524,232	Zimmerman, F. M	Railways, conductor supports and insulators	Aug. 7, 1894
524,239	Blake, L. I	Telegraphy, circuits and systems	Aug. 7, 1894
524,282	McTighe, J	Railways, conductor supports and insulators	Aug. 7, 1894
524,291	Walker and Wilkins	Batteries, galvanic	Aug. 7, 1894
524,305	Bowker, R. R	Lighting system	Aug. 14, 1894
524,343	McCracken, E. D	Conductors	Aug. 14, 1894
524,357	Swoboda, O. H	Lights, arc, gravity feed, gear-clutch	Aug. 14, 1894
524,361	Tilghman, B. C., jr	Alarms	Aug. 14, 1894
524,366	Wilcox and Wilcox	Railways, closed conduit	Aug. 14, 1894
524,367	Wilcox and Wilcox	do	Aug. 14, 1894
524,368	Wilcox and Wilcox	do	Aug. 14, 1894
524,373	Bentley, E. M	Regulators	Aug. 14, 1894
524,374	Bernhardt, C	Telegraphy, fire, automatic	Aug. 14, 1894
524,376	Burke, J	Regulators	Aug. 14, 1894
524,378	Edison, T. A	Systems of distribution	Aug. 14, 1894
524,381	Gibbone, J. W	Transmission of power	Aug. 14, 1894

No.	NAME.	CLASS.	DATE.
524,382	Herrick, A. B.	Rheostats	Aug. 14, 1894
524,383	Herrick, A. B.	Lighting system, hand regulation	Aug. 14, 1894
524,384	Hewlett, E. M.	Cut-outs, mechanical, oscillating snap	Aug. 14, 1894
524,385	Jenkins, J. H.	Motors, hand-operating devices	Ang. 14, 1894
524,386	Johnson, H. T.	Time checks	Aug. 14, 1894
524,387	Johnson, H. T.	Telephones, switches	Aug. 14, 1894
524,396	Potter, W. B.	Motors, hand-operating devices	Aug. 14, 1894
524,407	Silvey, W. L.	Motors	Aug. 14, 1894
524,426	Tesla, N.	do	Aug. 14, 1894
524,462	Drysdale, R.	Lights, arc, gravity feed, gear-clutch	Aug. 14, 1894
524,467	Lusecomb, H. H.	Railways, conductor supports and insulators	Aug. 14, 1894
524,480	Chase, H. A.	Telephones, switches	Aug. 14, 1894
524,524	Colvin, F. R.	Telephones, electric	Aug. 14, 1894
524,533	See and Tyler	Magneto-electric, bipolar	Aug. 14, 1894
524,534	Stauley, W., jr.	Motors, alternating	Aug. 14, 1894
524,541	Dewsou, E. H., jr.	Motors, hand-operating devices	Aug. 14, 1894
524,542	Dewsou, E. H., jr.	do	Aug. 14, 1894
524,548	Hermaun, E. A.	Railway signals, sectional rail	Aug. 14, 1894
524,615	Shehau, J. F.	Regulators	Aug. 14, 1894
524,630	Carles, A. C.	Cut-outs, hangers	Aug. 14, 1894
524,635	Howe, F. F.	Telegraphy, transmitters	Aug. 14, 1894
524,636	Jaeger, C. L.	Inductoariums, induction coils	Aug. 14, 1894
524,656	Vau Emon, B. C.	Batteries, secondary	Aug. 14, 1894
524,659	Winslow, G. H.	Insulators	Aug. 14, 1894
524,664	Brewster, F. A.	Medical and surgical body-wear	Aug. 14, 1894
524,672	Anderson, J. M.	Railways, systems, overhead	Aug. 14, 1894
524,684	McCarthy, L.	Railways, conductor supports and insulators	Aug. 14, 1894
524,706	Couuell, W. H.	Lights, incandescent, special features	Aug. 21, 1894
524,711	Fowden, R. A.	Telegraphy, printing wheel	Ang. 21, 1894
524,717	Harris, S.	Cut-outs, mechanical	Aug. 21, 1894
524,749	Westinghouse, G.	Lighting system	Aug. 21, 1894
524,758	Dornberger, L.	Railway signals	Aug. 21, 1894
524,773	Wheless, M.	Railways, system, closed conduit	Aug. 21, 1894
524,785	Monroc, M. B.	Motors, hand-operating devices	Aug. 21, 1894
524,793	Shaw, A. J.	Magneto-electric	Aug. 21, 1894
524,808	McEvoy, E. J.	Cut-outs, mechanical, oscillating snap	Aug. 21, 1894
524,823	Heury, J. C.	Electric locomotives	Ang. 21, 1894
524,843	Silvey, W. L.	Batteries, secondary	Aug. 21, 1894
524,844	Smith, H.	Lighting systems, test	Aug. 21, 1894
524,845	Symmes, H. D.	Regulators	Aug. 21, 1894
524,850	Hammoud, C. N.	Insulators	Aug. 21, 1894
524,852	Henry, J. C.	Inductoariums, transformers, statiouary	Ang. 21, 1894
524,884	Card, G. F.	Magneto-electric	Aug. 21, 1894
524,911	Schneider, F. F.	Inductoariums, induction coils	Ang. 21, 1894
524,947	Murray, A. B.	Railway signals, cab, sectioual rail	Aug. 21, 1894
524,953	Raab, C. D.	Meters	Aug. 21, 1894
524,973	White, J. W.	Telegraphy, fire, automatic	Aug. 21, 1894
524,976	Cummiugs, J. F.	Railways, systems, circuits, multiple, arc	Aug. 21, 1894
524,977	Cummiugs, J. F.	Conductors, underground	Ang. 21, 1894
524,980	Hall and Lillard	Connectors	Aug. 21, 1894
524,981	Jahr, R. H.	Lights, arc, gravity feed, gear-clutch	Aug. 21, 1894
524,983	Kohn, M. M.	Lighting system	Aug. 21, 1894
525,001	Bradley, L. W.	Insulators	Aug. 28, 1894
525,007	Edison, T. A.	Lights, filaments and carbons	Aug. 28, 1894
525,013	Gordon and Pye	Alarms	Aug. 28, 1894
525,015	Haskins, N. W.	Railways, systems, overheads, trolleys	Aug. 28, 1894
525,016	Haskins, N. W.	do	Aug. 28, 1894
525,017	Hess, H. K.	Batteries, secondary	Aug. 28, 1894
525,018	Hess, H. K.	do	Aug. 28, 1894
525,020	Jungen, E. W.	Telegraphy, relays and sounders	Aug. 28, 1894
525,034	Thomson, E.	Lights, arc, gravity feed, gear-clutch	Ang. 28, 1894
525,035	Thomson, E.	do	Aug. 28, 1894
525,037	Weudleboe, P.	Telegraphy, printing, multiple wheel	Aug. 28, 1894
525,082	Levy, M. Z.	Telegraphy, railway, car	Aug. 28, 1894
525,092	Clariot, J. J. P.	Cut-outs, mechanical, rotary	Ang. 28, 1894
525,134	Chesuey, C. C.	Cut-outs, electro-magnetic	Ang. 28, 1894
525,145	Geary, J. J.	Bells	Aug. 28, 1894
525,169	Varley, R., jr.	do	Ang. 28, 1894
525,201	Goodman and Goodman	Telephones, granular	Ang. 28, 1894
525,235	Solomou, J. I.	Batteries, galvanic	Ang. 28, 1894
525,290	Seymour, W. F.	Railway siguals, sectional rail	Aug. 28, 1894
525,291	Slater, J.	Telegraphy, circuit closers	Aug. 28, 1894
525,293	Smith, W. F.	Cut-outs, thermal	Aug. 28, 1894
525,312	Bradley, C. S.	Transmission of power	Ang. 28, 1894
525,315	Cartwright, D. J.	Lighting, ceiling blocks	Aug. 28, 1894
525,332	Card, G. F.	Cut-outs, mechanical	Sept. 4, 1894
525,336	Conrad, W. H.	Motors, hand-operating devices	Sept. 4, 1894

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525,353	McElroy, J. F	Magneto-electric, multipolar	Sept. 4, 1894
525,354	McElroy, J. F	System of distribution	Sept. 4, 1894
525,369	Thomson, E	do	Sept. 4, 1894
525,390	McElroy, J. F	Magneto-electric, uniform field	Sept. 4, 1894
525,394	Sperry, E. A	Motors, hand-operating devices	Sept. 4, 1894
525,395	Sperry, E. A	do	Sept. 4, 1894
525,437	Albertson, A. C	Igniting devices	Sept. 4, 1894
525,445	Coykendall, T. C	Lighting, system, safety	Sept. 4, 1894
525,446	Coykendall, T. C	do	Sept. 4, 1894
525,447	Dahl, O	Motors, alternating	Sept. 4, 1894
525,450	Badt, F. B	Railways, system, converters	Sept. 4, 1894
525,491	Dressler, L	Batteries, galvanic	Sept. 4, 1894
525,523	Allen, C. M	Railways, system	Sept. 4, 1894
525,539	Enholm, O. A	Railways, system, closed conduit	Sept. 4, 1894
525,548	Humberston, W	Alarms	Sept. 4, 1894
525,563	Rockoff, A	Cut-outs, thermal, plug	Sept. 4, 1894
525,564	Rockoff, A	Lights, arc, special features	Sept. 4, 1894
525,584	Brocklehurst, H	Railways, systems	Sept. 4, 1894
525,598	Greenwood, H. M	Railways, systems, overhead	Sept. 4, 1894
525,649	Garven, W. H	Telegraphy, fire, variable signal, dial	Sept. 4, 1894
525,653	Hammond, C. N	Lighting, ceiling blocks	Sept. 4, 1894
525,670	Segade & Regan	Connectors, undergronnd	Sept. 4, 1894
525,689	Bradley, C. S	Inductoriums, transformers, stationary	Sept. 11, 1894
525,690	Bradley, C. S	Railway, systems	Sept. 11, 1894
525,697	Eickenmeyer, R	Magneto-electric, armatures, drum	Sept. 11, 1894
525,698	Eickenmeyer, R	do	Sept. 11, 1894
525,702	Gilliland, E. T	Telephones, systems, call	Sept. 11, 1894
525,708	Herrick, A. B	Telephones, switchboards	Sept. 11, 1894
525,730	Wachtel, C	Motors	Sept. 11, 1894
525,735	Campbell, S. L	Lights, arc, special features	Sept. 11, 1894
525,743	Roney, A. B	Lights, arc, gravity feed	Sept. 11, 1894
525,769	McElroy, J. F	System of distribution	Sept. 11, 1894
525,782	Brown, G	Motors, hand-operating devices	Sept. 11, 1894
525,789	Mahone and Crane	Railways, systems, overhead, trolleys	Sept. 11, 1894
525,836	Bliss, W. L	Magneto-electric	Sept. 11, 1894
525,840	Courtwright, A. L	Telegraphy, lightning arresters	Sept. 11, 1894
525,864	Rider, H. E	Railways, systems, conduit	Sept. 11, 1894
525,866	Schwenke, P	Railway signals	Sept. 11, 1894
525,874	Thomson, H. C	Annunciators, drop	Sept. 11, 1894
525,886	Dawson, E	Railways, systems, overhead, trolleys	Sept. 11, 1894
525,888	Edison, T. A	Lights, filaments and carbons	Sept. 11, 1894
525,891	Fricke, H. C	Insulators	Sept. 11, 1894
525,894	Goold, F. D. A	Meters	Sept. 11, 1894
525,909	Klemm, G. F	Lights, incandescent, special features	Sept. 11, 1894
525,936	Baehr, G	Cut-outs, mechanical, oscillating, snap	Sept. 11, 1894
525,943	Bradley, H. E	Lights, arc, gravity feed, ring-clutch	Sept. 11, 1894
525,945	Creighton, W. G	Railways, closed condnits	Sept. 11, 1894
525,992	Moskowitz, M	Lighting, systems, car	Sept. 11, 1894
525,993	Moskowitz, M	Regulators	Sept. 11, 1894
526,016	Losch, J	Motors	Sept. 11, 1894
536,063	Wagemanu, H. O. C. E	Inductoriums, transformiers, rotary	Sept. 18, 1894
526,064	Wagemann, H. O. C. E	Magneto-electric, multipolar	Sept. 18, 1894
526,075	Henck, J. B	Connectors	Sept. 18, 1894
526,083	Meston, A. W	Motors	Sept. 18, 1894
526,139	Baldwin, H. L	Telephones, multiple, electrode	Sept. 18, 1894
526,141	Bloomer, W. C	Conductors, underground	Sept. 18, 1894
526,142	Book, D. D	Connectors	Sept. 18, 1894
526,145	Cartwright, D. J	Lights, sockets and keys	Sept. 18, 1894
526,165	Thomas and Seward	Railway signals, track instruments	Sept. 18, 1894
526,169	Thomson, E	Regulators	Sept. 18, 1894
526,170	Wilson, D. H	Inductoriums, transformers	Sept. 18, 1894
526,172	Winterhalder, L	Cut-outs, thermal	Sept. 18, 1894
526,179	Coleman, J. P	Railway signals	Sept. 18, 1894
526,182	Fritsche, F	Medical and surgical, body-wear	Sept. 18, 1894
526,183	Gale, E	Railways, system, overhead, trolleys	Sept. 18, 1894
526,220	Coleman, C. J	Telegraphy, circuit closers, thermal	Sept. 18, 1894
526,227	Hersh, E. E	Cut-outs, thermal	Sept. 18, 1894
526,392	Graham and Allen	Railways, systems, closed conduit	Sept. 25, 1894
526,408	Pfouts, L. S	Railways, systems, overhead	Sept. 25, 1894
526,409	Pfouts, L. S	do	Sept. 25, 1894
526,414	Salmon, W. W	Railway signals, sectional rail	Sept. 25, 1894
526,415	Salmon, W. W	do	Sept. 25, 1894
526,422	Walker, I. B	Railways, condncor supports and insnlators	Sept. 25, 1894
526,432	Biddle, W	Electric locomotives	Sept. 25, 1894
526,468	Tisdale, C. D	Railways, systems, closed conduits	Sept. 25, 1894
526,472	Webster, G	Insulators	Sept. 25, 1894
526,482	Bridgman, H. L	Electrolysis, aqueous bath	Sept. 25, 1894

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526,487	Herberts, H	Galvanometers	Sept. 25, 1894
526,498	Osyor, D. N	Insulators	Sept. 25, 1894
526,502	Rau, O. M	Cut-outs, thermal	Sept. 25, 1894
526,549	Weber, W	Telephones, supports	Sept. 25, 1894
526,580	Osyor, D. N	Railways, systems, overhead, trolleys	Sept. 25, 1894
526,583	Ryder, M. P	Regulators	Sept. 25, 1894
526,598	Wiley, E. C	Railway signals, cab	Sept. 25, 1894
526,605	Baker, B. E	Rheostats	Sept. 25, 1894
526,644	Stebbins, T	Lighting systems, test	Sept. 25, 1894
526,686	Clark, J. H	Motors	Oct. 2, 1894
526,704	Greeu, J. J	Railways, conductor supports and insulators	Oct. 2, 1894
526,705	Hanson, J. L	Railways, systems, overhead, trolleys	Oct. 2, 1894
526,721	Macfarlane, D	Conductors	Oct. 2, 1894
526,722	Macfarlane, D	do	Oct. 2, 1894
526,723	Mathias and Hartman	Igniting devices, manual	Oct. 2, 1894
526,725	Metzger, A	Cut-outs, mechanical rotary	Oct. 2, 1894
526,736	Pearson, F. S	Telegraphy, lightning arresters	Oct. 2, 1894
526,742	Reist, H. G	Magneto-electric	Oct. 2, 1894
526,743	Reist, H. G	do	Oct. 2, 1894
526,756	Tanner, H. J	Railways, systems, overhead, trolleys	Oct. 2, 1894
526,760	Thomason, P. C	Alarms, burglar	Oct. 2, 1894
526,767	Wilson, R. B	Railways, systems, conduit	Oct. 2, 1894
526,810	Hoffman, C	Regulators	Oct. 2, 1894
526,825	Weston, W. S	Lights, are, special features	Oct. 2, 1894
526,833	Hankey, J. J	Medical and surgical, body-wear	Oct. 2, 1894
526,835	Hewett, R. J	Railways, systems, conduit	Oct. 2, 1894
526,850	Benjamin, G. H	do	Oct. 2, 1894
526,865	Libbey, H. W	Telephones, magnetic	Oct. 2, 1894
526,867	Macfarlaue, D	Rheostats	Oct. 2, 1894
526,879	Van Vleck, J	Motors, hand-operating devices	Oct. 2, 1894
526,888	Anthony, M. O	Telephone, multiple electrode	Oct. 2, 1894
526,893	Decrow, W. E	Telegraphy, fire	Oct. 2, 1894
526,897	Grant, R. A	Railways, systems, overhead, trolleys	Oct. 2, 1894
526,963	Cattori, M	Railways, systems, circuits, series	Oct. 2, 1894
526,965	Cox, P. D	Telegraphy, relays, and sounders	Oct. 2, 1894
526,982	Smith, J. P	Magneto-electric	Oct. 2, 1894
526,988	Beron, F. G	Cut-outs, mechanical, rotary	Oct. 2, 1894
526,992	Clough, A. L	Systems of distribution	Oct. 2, 1894
527,023	Pole, B. C	Motors	Oct. 2, 1894
527,034	Weston, E	Galvanometers	Oct. 2, 1894
527,037	Funk, L. L	Medical and Surgical	Oct. 2, 1894
527,050	Collins, H. B	Heaters, electric	Oct. 9, 1894
527,066	Lamme, B. G	Lighting, systems, safety	Oct. 9, 1894
527,070	Packard, J. W	Inductometers, transformers, stationary	Oct. 9, 1894
527,071	Packard, J. W	Cut-outs, thermal	Oct. 9, 1894
527,075	Potter, W. B	Connecting devices	Oct. 9, 1894
527,092	Ward, B. B	Alarms	Oct. 9, 1894
527,098	Alsop, C. R	Annunciators, drop	Oct. 9, 1894
527,099	Alsop, C. R	Railway signals, track instruments	Oct. 9, 1894
527,110	Fletcher, C. R	Electrolysis, aqueous bath	Oct. 9, 1894
527,126	Roffand, N. G	Electric locomotives	Oct. 9, 1894
527,127	Rauch, G	Magneto-electric, brushes and holders	Oct. 9, 1894
527,150	Ludwig, J. C	Amalgamators, electric	Oct. 9, 1894
527,177	Kelsch, R. S	Cut-outs, mechanical, sliding	Oct. 9, 1894
527,195	Cooper, C	Motors, alternating	Oct. 9, 1894
527,211	Mayer, M	Lights, are, gravity feed	Oct. 9, 1894
527,214	McCoubrey, T	Telephones, granular	Oct. 9, 1894
527,225	Waddell, M	Magneto electric, multipolar	Oct. 9, 1894
527,228	Wolverton, J. E	Lights, are, gravity feed	Oct. 9, 1894
527,229	Wolverton, J. E	do	Oct. 9, 1894
527,244	Heilmann, J. J	Regulators	Oct. 9, 1894
527,254	Trimble, W. D	Insulators	Oct. 9, 1894
527,257	Wister, H. H	Railway signals, cab, sectional rail	Oct. 9, 1894
527,258	Adkins, W. H	Telegraphy, automatic	Oct. 9, 1894
527,265	Butler, W. A	Railways, systems, closed conduit	Oct. 9, 1894
527,267	Cuthbert, W. M	Railway signals	Oct. 9, 1894
527,285	Peek, L. R	Lights, sockets, and keys	Oct. 9, 1894
527,294	Schrimer, A. F	Railways, systems	Oct. 9, 1894
527,298	Smith and Geer	Batteries, galvanic	Oct. 9, 1894
527,301	Toole, J. E	Railways, systems, conduit	Oct. 9, 1894
527,317	Bullock, E. J	Insulators	Oct. 9, 1894
527,318	Bullock, E. J	do	Oct. 9, 1894
527,324	Davis, J. R	Heaters, electric	Oct. 9, 1894
527,355	Woodhead, S. C	Cut-outs, hangers	Oct. 9, 1894
527,375	Rowaud, L. G	Telegraphy, circuit closers, thermal	Oct. 9, 1894
527,377	Severy, M. S	Batteries, thermal	Oct. 9, 1894
527,378	Severy, M. S	do	Oct. 9, 1894

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527,379	Severy, M. S.	Batteries, thermal	Oct. 9, 1894
527,393	Polk, R. H.	Telephones, systems, multiple switch board, test	Oct. 9, 1894
527,414	Deweese, T. J.	Conductors	Oct. 16, 1894
527,415	Fawcett, E.	Magnetoelectric, bipolar	Oct. 16, 1894
527,436	Maquay, S. W.	Batteries, galvanic	Oct. 16, 1894
527,461	St. John, G. B.	Railway signal, block systems	Oct. 16, 1894
527,501	McLonghlin, J. F.	Cut-outs, thermal	Oct. 16, 1894
527,518	Weaver, A. D.	Telegraphy, circuits and systems	Oct. 16, 1894
527,528	Gullberg, C.	Clocks, electric	Oct. 16, 1894
527,546	Bache, W. H.	Railways, systems, overhead, trolleys	Oct. 16, 1894
527,556	Houston, E. J.	Conductors	Oct. 16, 1894
527,559	Moses, A. H.	Lights, arc, special features	Oct. 16, 1894
527,601	Finn, O. B.	Railways, systems, closed conduit	Oct. 16, 1894
527,608	Johnson, L. F.	Alarms	Oct. 16, 1894
527,730	Shaw, A. J.	Rheostats	Oct. 16, 1894
527,759	Gentry, W. T.	Telephones, details	Oct. 16, 1894
527,766	Von Brauke, W.	Magnetoelectric, brushes and holders	Oct. 23, 1894
527,776	Daniels, C. F.	Magnetoelectric, multipolar	Oct. 23, 1894
527,786	Hammer, E. G.	Clocks, electric	Oct. 23, 1894
527,788	Hebard, C. E.	Body-wear	Oct. 23, 1894
527,826	Acheson, E. G.	Filaments and carbons	Oct. 23, 1894
527,839	Farnham, I. H.	Annunciators, drop systems	Oct. 23, 1894
527,840	Fiske, F. C.	Railways, conductor supports and insulators	Oct. 23, 1894
527,846	Waldo and Gooch	Electrolysis, fused bath	Oct. 23, 1894
527,847	Gooch and Waldo	do	Oct. 23, 1894
527,848	Gooch and Waldo	do	Oct. 23, 1894
527,849	Gooch and Waldo	do	Oct. 23, 1894
527,850	Gooch and Waldo	do	Oct. 23, 1894
527,851	Gooch and Waldo	do	Oct. 23, 1894
527,857	Hutin and Leblanc	Railways, converters	Oct. 23, 1894
527,861	Picard and Thame	Batteries, secondary	Oct. 23, 1894
527,864	Lavens, E.	Lights, arc, special features	Oct. 23, 1894
527,873	McLaughlin, J. F.	Railways, systems, closed conduit	Oct. 23, 1894
527,874	McLaughlin, J. F.	do	Oct. 23, 1894
527,901	Swoboda, H. O.	Lights, arc, gravity feed, gear clutch	Oct. 23, 1894
527,920	Wood, M. M.	Railways, systems, overhead	Oct. 23, 1894
527,922	Backstrom and Johnson	Body wear	Oct. 23, 1894
527,927	Bassett, N. C.	Electric locomotives	Oct. 23, 1894
527,947	Davis, H. P.	Motors, hand operating devices	Oct. 23, 1894
527,950	Fiske, B. A.	Annunciators	Oct. 23, 1894
527,977	Heinze, J. O., jr.	Coin-controlled apparatus, miscellaneous	Oct. 23, 1894
527,989	Hussey, C. A.	Lights, sockets and keys	Oct. 23, 1894
527,990	Idler, C. A.	Railways, pleasure railways	Oct. 23, 1894
528,014	McLaughlin, J. F.	Cut-outs, mechanical, rotary	Oct. 23, 1894
528,021	Parfitt and Parfitt	Lighting, systems	Oct. 23, 1894
528,040	Spencer, T.	Telephones, systems, multiple switch board, divided central	Oct. 23, 1894
528,053	Williams, W. H.	Mills, magnetic separators	Oct. 23, 1894
528,054	Williams, W. H.	do	Oct. 23, 1894
528,055	Williams, H. A.	do	Oct. 23, 1894
528,075	Chase, H. A.	Telegraphy, fire	Oct. 23, 1894
528,119	Bergmann, S.	Lights, arc, gravity feed, gear clutch	Oct. 23, 1894
528,121	Child, C. T.	Motors, alternating	Oct. 23, 1894
528,127	Hunter and Lough	Telegraphy, fire	Oct. 23, 1894
528,129	Couly, M. S.	Railway signals, railway, cab	Oct. 23, 1894
528,149	Cobb, W. D.	Railways, systems, overhead, trolleys	Oct. 30, 1894
528,184	Segerdahl, R.	Lights, arc, special features	Oct. 30, 1894
528,185	Stanley and Braddell	Cut-outs, electro-magnetic	Oct. 30, 1894
528,188	Thomson, E.	Inductors, transformers, stationary	Oct. 30, 1894
528,159	Thomson, E.	Telegraphy, circuit closers, thermal	Oct. 30, 1894
528,204	Hicks, T. H.	Magneto-electric, armature, drums	Oct. 30, 1894
528,205	Harwig, J. L.	Railways, systems, conduit	Oct. 30, 1894
528,243	Waddell, M.	Rheostats	Oct. 30, 1894
528,245	Wilson, A. J.	Railway signals, sectional rail	Oct. 30, 1894
528,246	Wilson, A. J.	do	Oct. 30, 1894
528,268	Armer, A. H.	Galvanometers	Oct. 30, 1894
528,291	Cnmmings, J. F.	Conductors, underground	Oct. 30, 1894
528,301	Montgomery, A. F.	Conductors	Oct. 30, 1894
528,379	McLaughlin, J. F.	Railways, systems, closed conduit	Oct. 30, 1894
528,410	Mellen and Goldsmith	Motors	Oct. 30, 1894
528,465	Deming, E.	Railway signals, track instruments	Oct. 30, 1894
528,477	Harkins, C. H.	Railways, closed conduit	Oct. 30, 1894
528,494	Stearns, W. E.	Railways, systems, closed conduit	Oct. 30, 1894
528,529	Brown, C. W.	Connector	Nov. 6, 1894
528,539	Fyfe, J. C.	Rheostats	Nov. 6, 1894
528,561	Perry, J. W.	Railways, conductor supports and insulators	Nov. 6, 1894

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528,566	Seitzniger, H. M.	Telegraphy, fire	Nov. 6, 1894
528,586	Bridgman, H. L.	Electrolysis, aqueous bath	Nov. 6, 1894
528,587	Bridgman, H. L.	do	Nov. 6, 1894
528,589	Brownell and Seager	Telegraphy, circuit closers	Nov. 6, 1894
528,590	Childs, W.	Telephones, systems, automatic	Nov. 6, 1894
528,591	Childs, W.	do	Nov. 6, 1894
528,592	Coloin, F. R.	do	Nov. 6, 1894
528,593	Corrington, M.	Railway signals, block systems	Nov. 6, 1894
528,615	Shaw, A. J.	Motors	Nov. 6, 1894
528,620	Shaw, A. J.	Elevators	Nov. 6, 1894
528,635	Hoyt, A. H.	Special applications, electro-magnets	Nov. 6, 1894
528,640	Lockwood and Lockwood	Telephones, granular	Nov. 6, 1894
528,647	Reed, C. J.	Batteries, secondary	Nov. 6, 1894
528,648	Reed, C. J.	do	Nov. 6, 1894
528,669	Hayden, M. M.	Batteries, galvanic	Nov. 6, 1894
528,672	Hovey, H. J.	Railway signals, track instruments	Nov. 6, 1894
528,678	McDonnell, M.	Horology, time alarms	Nov. 6, 1894
528,685	Osborn, A. S.	Railways, systems, overhead, trolleys	Nov. 6, 1894
528,740	Poston, E. M.	Batteries, secondary	Nov. 6, 1894
528,767	Dey and Anderson	Railways, conductor supports and insulators	Nov. 6, 1894
528,778	Hunter R. M.	Inductoiums, transformers, stationary	Nov. 6, 1894
528,788	Nichols and Lincoln	Connectors	Nov. 6, 1894
528,870	Friese, W.	Meters	Nov. 6, 1894
528,881	Kahne, Adkins, Peirce, Martin and Kahne	Alarms	Nov. 6, 1894
528,893	Shaw, A. J.	Rheostats	Nov. 6, 1894
528,894	Shaw, A. J.	do	Nov. 6, 1894
528,900	Bolles, F. G.	Cut-outs, mechanical	Nov. 6, 1894
528,902	Fryer, A.	Railway signals, cab, sectional rail	Nov. 6, 1894
528,907	Mitchell, R. C.	Rheostats	Nov. 6, 1894
528,908	Mitchell, R. C.	do	Nov. 6, 1894
528,924	Cox, H. B.	Batteries, thermal	Nov. 13, 1894
528,925	Culver, F. S.	Inductoiums, transformers, stationary	Nov. 13, 1894
528,949	Lare and Green	Railways, systems, overhead, trolleys	Nov. 13, 1894
528,959	Lowd, M.	Railways, systems	Nov. 13, 1894
528,960	Lungen, A.	Clocks, electric	Nov. 13, 1894
528,963	Mathers, E. E.	Railways, systems, closed conduit	Nov. 13, 1894
528,997	Sykes and O'Donnell	Railway signals, sectional rail	Nov. 13, 1894
529,000	Tunnard and Keays	Telegraphy, fire, automatic	Nov. 13, 1894
529,055	Anderson, J. M.	Railways, conductor supports and insulators	Nov. 13, 1894
529,059	Bogart and Leonard	Railway signals, block systems	Nov. 13, 1894
529,085	Scott, G. J.	Motors, alternating	Nov. 13, 1894
529,117	Fernand, J.	Regulators	Nov. 13, 1894
529,127	Lowe, E. A.	Connectors	Nov. 13, 1894
529,152	Zickermann, F.	Systems of distribution	Nov. 13, 1894
529,144	Thomson and Galbraith	Annunciators, drop	Nov. 13, 1894
529,145	Thury, R.	Magneto-electric, multipolar	Nov. 13, 1894
529,165	Frischen, J. H.	Railway signals, block systems	Nov. 13, 1894
529,174	Higgins, O.	Telephones, magnetic	Nov. 13, 1894
529,203	Serdinko, J.	do	Nov. 13, 1894
529,212	Sweet, D. F.	Cut-outs, electro-magnetic	Nov. 13, 1894
529,213	Sweet, D. F.	do	Nov. 13, 1894
529,216	Fathan, J.	Conductors	Nov. 13, 1894
529,240	Brockie, J.	Lights, arc, gravity feed, ring clutch	Nov. 13, 1894
529,265	Harrison, H. T.	Systems of distribution	Nov. 13, 1894
529,272	Hutin and Leblanc	Motors, alternating	Nov. 13, 1894
529,300	O'Neil, J.	Telegraphy, automatic	Nov. 13, 1894
529,313	Savage, C. G.	Special applications, igniting devices	Nov. 13, 1894
529,325	Gerlach, C. C.	Special applications, electro-magnets	Nov. 13, 1894
529,354	Blackwell, J. L.	Railways, systems, overhead, trolleys	Nov. 20, 1894
529,363	Cassidy, J. C.	Cut-outs, mechanical, rotary	Nov. 20, 1894
529,373	Field, S. D.	Bells	Nov. 20, 1894
529,385	Hofbaner, F. H.	Motors	Nov. 20, 1894
529,398	Mershon, R. D.	Galvanometers	Nov. 20, 1894
529,399	Mershon, R. D.	do	Nov. 20, 1894
529,406	Nichols and Lincoln	Railways, systems, conduit	Nov. 20, 1894
529,411	Robinson, J.	Conductors	Nov. 20, 1894
529,412	Robinson, J.	do	Nov. 20, 1894
529,413	Robinson, J.	do	Nov. 20, 1894
529,421	Scribner, C. E.	Telephones, systems	Nov. 20, 1894
529,429	Thomson and Rice	Lights, sockets and keys	Nov. 20, 1894
529,433	Van Vleck, J.	Galvanometers	Nov. 20, 1894
529,434	Weston, E.	do	Nov. 20, 1894
529,435	Weston, E.	do	Nov. 20, 1894
529,437	Wood, J. J.	Magneto-electric, armatures, drum	Nov. 20, 1894
529,451	Loeben, G. A.	Lights, incandescent, special features	Nov. 20, 1894
529,461	Potter, H. N.	Galvanometers	Nov. 20, 1894
529,465	Sabin, J. S.	Telephones, calls, step by step	Nov. 20, 1894

NO.	NAME.	CLASS.	DATE.
529,484	Fiske, B. A	Telegraphy, printing multiple wheel	Nov. 20, 1894
529,552	Kelsey, F. N	Railways, systems, overhead, trolleys	Nov. 20, 1894
529,559	Marsh, J. W	Telephones, conductors, anti-inductive	Nov. 20, 1894
529,563	Murray, A	Lighting system, car	Nov. 20, 1894
529,578	Badt, F. B	Telegraphy, circuit closers	Nov. 20, 1894
529,595	Cassidy, J. C	Cut-outs, mechanical, rotary	Nov. 20, 1894
529,609	Denison and Geary	Telephones, details	Nov. 20, 1894
529,616	Hennefeld, Dehiner and Van Ness	Railways, conductor supports and insulators	Nov. 20, 1894
529,630	Scott, G. A	Telegraphy, printing wheel	Nov. 20, 1894
529,650	Hutin and Leblanc	Magneto-electric, bipolar	Nov. 20, 1894
529,654	Konetschuy, J. R	Lights, incandescent, special features	Nov. 20, 1894
529,688	Adams, W. S	Electric locomotive	Nov. 27, 1894
529,704	Burke, C. G	Railways, systems, closed conduit	Nov. 27, 1894
529,710	Cox, H. B	Batteries, thermal	Nov. 27, 1894
529,711	Cox, H. B	do	Nov. 27, 1894
529,759	Smith, D. W	Railway signals, sectional rail	Nov. 27, 1894
529,784	Forbes, G	Magneto-electric	Nov. 27, 1894
529,797	King, F. L	Railways, systems, closed conduit	Nov. 27, 1894
529,811	Selden and Patenall	Railway signals, sectional rail	Nov. 27, 1894
529,812	Selden and Patenall	do	Nov. 27, 1894
529,818	Stromberg and Carlson	Telephones, magnetic	Nov. 27, 1894
529,826	Combs, E. S	Telephones, switches	Nov. 27, 1894
529,836	Pressley, T. C	Railways, systems, closed conduit	Nov. 27, 1894
529,866	Keys, C. F	Conductors, lightning rods	Nov. 27, 1894
529,894	Cary, J. H	Calls, strength and polarity	Nov. 27, 1894
529,898	Curry, J. W	Lights, incandescent, special features	Nov. 27, 1894
529,903	Gould, A. P	Railways, conductor supports and insulators	Nov. 27, 1894
529,918	Kelly, J. F	Magneto-electric, multipolar	Nov. 27, 1894
529,920	Klaffky and Faltinowsky	Railway signals, cab, sectional rail	Nov. 27, 1894
529,938	Newlyn, R. A	Alarms, burglar, safe	Nov. 27, 1894
529,949	Phillips, W. A	Railway signals, cab, sectional rail	Nov. 27, 1894
529,975	Thomson and Schmadeke	Alarms	Nov. 27, 1894
529,984	Walter, H. E	Telegraphy, fire, variable signal dial	Nov. 27, 1894
529,985	Walter, H. E	Anunciators, step by step	Nov. 27, 1894
529,986	Walter, H. E	Telegraphy, fire repeaters	Nov. 27, 1894
529,992	Alexander and Grosmit	Magneto-electric, armature ring	Nov. 27, 1894
529,999	Berthon, L. A	Telephones, switchboards	Nov. 27, 1894
530,004	Blake, J. F	Telegraphy, circuit closers	Nov. 27, 1894
530,066	Cartwright, D. J	Connectors	Nov. 27, 1894
530,082	Bliss, L. D	Telegraphy, keys	Dec. 4, 1894
530,088	Carson, P. J. C	Magneto-electric, brushes and holders	Dec. 4, 1894
530,093	Daves, W	Railway signals, sectional rails	Dec. 4, 1894
530,114	Moderegger, C	Motors	Dec. 4, 1894
530,115	Morehouse, M. A	Telephones, electric	Dec. 4, 1894
530,122	Ongley, C. E	Indicators	Dec. 4, 1894
530,141	Van Vleck, J	Cut-outs, mechanical, rotary	Dec. 4, 1894
530,145	Weston, E	Galvanometers	Dec. 4, 1894
530,176	Gutmann, L	Motors, alternating	Dec. 4, 1894
530,177	Gutmann, L	do	Dec. 4, 1894
530,178	Gutmann, L	Motors, transmission of power	Dec. 4, 1894
530,184	Keeson, H. V	Telegraphy, eirenit closers	Dec. 4, 1894
530,191	Manning, C. E	Telegraphy, fire alarms and extinguishers	Dec. 4, 1894
530,192	Mason, D	Railways, systems, conduits	Dec. 4, 1894
530,208	Stromberg and Carlson	Telephones, switches	Dec. 4, 1894
530,235	McLeod, J. N	Magneto-electric	Dec. 4, 1894
530,236	Noyes, B. J	Telegraphy, fire	Dec. 4, 1894
530,553	Wooley, E. G	Bells	Dec. 4, 1894
530,276	Kendt, W. F	Railways, systems, overhead trolleys	Dec. 4, 1894
530,286	Schwieger, H	Railways, systems, closed conduits	Dec. 4, 1894
530,293	Ullman, I. W	Cut-outs, mechanical, sliding	Dec. 4, 1894
530,315	Williams, J. F	Telephones, electric	Dec. 4, 1894
530,324	Callender, R	Telephones, systems, automatic	Dec. 4, 1894
530,344	Jeffery and Jeffery	Motive power, dental instruments	Dec. 4, 1894
530,351	Scheeffer, G. A	Meters	Dec. 4, 1894
530,368	Upton, C	Alarms	Dec. 4, 1894
530,399	Crosby and Locke	Conductors	Dec. 4, 1894
530,401	Doe, W. S	Batteries, galvanic	Dec. 4, 1894
530,411	Gilstrap and Gilstrap	Alarms, burglar, safe	Dec. 4, 1894
530,412	Goodman and Goodman	Telephones, granular	Dec. 4, 1894
530,416	Hayn, F. W. N. E	Railways, systems, overhead trolleys	Dec. 4, 1894
530,430	Klein, H	Telegraphy, circuit closers, thermal	Dec. 4, 1894
530,432	Kuchenmeister, E	Batteries, secondary	Dec. 4, 1894
530,434	Lowe, J. H	Alarms, burglar, safe	Dec. 4, 1894
530,465	Van Vleck, J	Rheostats	Dec. 4, 1894
530,472	Cronin, J. M	Cut-outs, mechanical	Dec. 4, 1894
530,482	Green, J. J	Railways, systems, closed conduit	Dec. 4, 1894
530,485	Hubbell, C. J	Batteries, galvanic	Dec. 4, 1894

No.	NAME.	CLASS.	DATE.
530,498	Ball, H. P.	Railways, conductor supports and insulators	Dec. 11, 1894
530,507	Darley, J. W.	Motors, hand-operating devices	Dec. 11, 1894
530,516	Field, S. D.	Telephones, magnetic	Dec. 11, 1894
530,522	Hattenbach, D.	Medical and surgical	Dec. 11, 1894
530,541	Lindstrom and Cummings	Motive power, elevators	Dec. 11, 1894
530,543	Mason, D.	Railways, systems, conduit	Dec. 11, 1894
530,569	Wood, M. M.	Railways, conductor supports and insulators	Dec. 11, 1894
530,575	Boardman, A. F.	Telephones, electric	Dec. 11, 1894
530,578	Buffington and Jones	Motive power, elevators	Dec. 11, 1894
530,597	Meston, A. W.	Inductoiums, transformers, stationary	Dec. 11, 1894
530,619	Herdman, F. E.	Motive power, elevators	Dec. 11, 1894
530,637	Coleman, C. J.	Special applications, igniting devices	Dec. 11, 1894
530,651	Reed, C. J.	Connectors	Dec. 11, 1894
530,674	Ashley, H. H.	Cut-outs, hanger	Dec. 11, 1894
530,688	Hawley and Black	Railways, systems, conduit	Dec. 11, 1894
530,706	McCarthy, L.	Insulators	Dec. 11, 1894
530,717	Platt, E. T.	Magneto-electric, brushes and holders	Dec. 11, 1894
530,727	Shelton, F. W.	Rheostats	Dec. 11, 1894
530,748	Chesney, C. C.	Systems of distribution	Dec. 11, 1894
530,762	Fry and Basford	Railway signals, sectional rail	Dec. 11, 1894
530,763	Fry and Basford	do	Dec. 11, 1894
530,764	Gardner, G. H.	Batteries, secondary	Dec. 11, 1894
530,773	Herdman, F. E.	Motors, regulators	Dec. 11, 1894
530,798	Richardson, J. V.	Railway signals, cab, sectional rail	Dec. 11, 1894
530,804	Spangeberg, H. K.	Lighting systems, hand regulation	Dec. 11, 1894
530,808	Trndel, H.	Telegraphy, fire	Dec. 11, 1894
530,838	Grove, J. R.	Lights, incandescent	Dec. 11, 1894
530,839	Guthrie, W. A.	Telegraphy, circuit closers	Dec. 11, 1894
530,867	Walker and Wilkins	Batteries, galvanic	Dec. 11, 1894
530,882	Cartwright, D. J.	Lights, arc, special features	Dec. 11, 1894
530,895	Kaye, E.	Lights, incandescent	Dec. 11, 1894
530,951	La Pointe, Flanagan and Thompson	Conductors, underground	Dec. 18, 1894
530,954	Meyer and Meyer	Railways, systems, overhead trolleys	Dec. 18, 1894
530,956	Mitchell, A. W.	Electric locomotives	Dec. 18, 1894
530,957	Mullinex, E. E.	Telegraphy, transmitters	Dec. 18, 1894
530,975	Stroumberg, A.	Alarms, burglar	Dec. 18, 1894
530,976	Stromberg, A.	do	Dec. 18, 1894
531,005	Priestly, F. C.	Inductoiums, transformers, stationary	Dec. 18, 1894
531,018	Briggs and Patterson	Lighting, systems, display	Dec. 18, 1894
531,025	Edwards, G. E.	Railway signals, cab, sectional rail	Dec. 18, 1894
531,070	See and Tyler	Motors, hand-operating devices	Dec. 18, 1894
531,078	Wales, T. C.	Telephones, systems, house	Dec. 18, 1894
531,109	Fuller and Taylor	Medical and surgical body-wear	Dec. 18, 1894
531,146	Baker, C. H.	Railway signals, systems, car	Dec. 18, 1894
531,153	Bruger, T.	Meters	Dec. 18, 1894
531,188	Howe, F. F.	Telegraphy, relays and sounders	Dec. 18, 1894
531,194	Kusel, D. A.	Telephones, electric	Dec. 18, 1894
531,214	Orentt, E. L.	Railway signals, cab, sectional rail	Dec. 18, 1894
531,284	Wilson, A. J.	do	Dec. 18, 1894
531,288	Balsley, C. H.	Lights, sockets and keys	Dec. 18, 1894
531,291	Diekerhoof, W. H.	Railways, systems, overhead trolleys	Dec. 18, 1894
531,310	Hansen, H.	Cut-outs, thermal	Dec. 25, 1894
531,331	Powell, C. E.	Railways, systems, overhead trolleys	Dec. 25, 1894
531,331	Andersou, J. M.	do	Dec. 25, 1894
531,355	Ashley, C. L.	Cut-outs, thermal, successive	Dec. 25, 1894
531,365	Donshea, W. I.	Magneto-electric, connecting devices	Dec. 25, 1894
531,366	Egger and Wessel	Electric locomotives	Dec. 25, 1894
531,380	Milloy, P. D.	Railways, systems, overhead trolleys	Dec. 25, 1894
531,383	Newhouse, G. A.	do	Dec. 25, 1894
531,406	Bridgman, H. L.	Magneto-electric	Dec. 25, 1894
531,421	Moskowitz, M.	Lighting, systems, car	Dec. 25, 1894
531,422	Murphy, E. J.	Lights, arc, gravity feed, gear-clutch	Dec. 25, 1894
531,423	McCarthy, L.	Insulators	Dec. 25, 1894
531,424	Palmer, A. H.	Telephones, switchboards	Dec. 25, 1894
531,432	Bell, L.	Regulators, alternating	Dec. 25, 1894
531,437	Klein and Westhafer	Conductors, supports and insulators	Dec. 25, 1894
531,441	Macloskie and Brinkerhoff	Railways, systems	Dec. 25, 1894
531,445	Moxham, A. J.	Connectors	Dec. 25, 1894
531,450	Swift, W. H.	Railways, systems, conduit	Dec. 25, 1894
531,499	Behr, F. B.	Railways, systems, telpher	Dec. 25, 1894
531,515	Davis, A. B.	Telephones, systems	Dec. 25, 1894
531,614	Guilleaume, T.	Telephones, conductors, anti-inductive	Dec. 25, 1894
531,623	Deeker, W.	Magneto-electric, armature, drum	Jan. 1, 1895
531,635	Iske, A.	Insulators	Jan. 1, 1895
531,650	Sabin and Hampton	Telephones, systems, divided central	Jau. 1, 1895
531,651	Sallada, C. H.	Railway signals, cab, sectional rail	Jan. 1, 1895
531,657	Still, W. J.	Systems of distribution	Jan. 1, 1895

No.	NAME.	CLASS.	DATE.
531,663	Thomas, G. C.	Lights, incandescent	Jan. 1, 1895
531,664	Turnbull, R. J.	Railways, systems, closed conduit	Jan. 1, 1895
531,669	Weston, E.	Signals, indicators	Jan. 1, 1895
531,677	Essick, S. V.	Telegraphy, printing wheel	Jan. 1, 1895
531,698	Pfluger, C. A.	Lights, arc, gravity feed, clutch	Jan. 1, 1895
531,702	Swift and Maintin.	Insulators	Jan. 1, 1895
531,707	Wallace, J. B.	Magneto-electric	Jan. 1, 1895
531,708	Wesseuberger and Wilbur.	Railway signals	Jau. 1, 1895
531,709	Wessenberg, W. J.	Special applications, electro-magnets	Jau. 1, 1895
531,751	Schweitzer, A.	Lights, arc, special features	Jan. 1, 1895
531,761	Alton, G. H.	Electric lighting, ceiling blocks	Jan. 1, 1895
531,764	Biddle, W.	Lighting, systems, car	Jau. 1, 1895
531,765	Biddle, W.	do	Jan. 1, 1895
531,790	Eickemeyer, R.	Regulators	Jau. 1, 1895
531,837	Cooper, T.	Railways, systems, overhead	Jan. 1, 1895
531,840	Faure, E. F. G. H.	Lights, arc, special features	Jan. 1, 1895
531,849	Melott, C. B.	Generation, regulators	Jan. 1, 1895
531,854	O'Neill, J. J.	Telegraphy, transmitters	Jau. 1, 1895
531,866	Shallenberger, O. B.	Meters	Jan. 1, 1895
531,867	Shallenberger, O. B.	do	Jan. 1, 1895
531,868	Shallenberger, O. B.	Galvanometers	Jau. 1, 1895
531,869	Shallenberger, O. B.	Meters	Jan. 1, 1895
531,870	Shallenberger, O. B.	Galvanometers	Jan. 1, 1895
531,873	Shobe and Embley	Railways, closed conduit	Jan. 1, 1895
531,913	Davis, A. G.	Telephones, switches	Jan. 1, 1895
531,919	Frank, J.	Railway signals, sectional rail	Jan. 1, 1895
531,929	Harden, T.	Telegraphy, lightning arresters	Jan. 1, 1895
531,970	Rowand, H. A.	Galvanometers	Jan. 1, 1895
531,978	Scribner, C. E.	Lights, arc, gravity feed, clutch	Jan. 1, 1895
531,996	Hassler, R. H.	Inductoiums, transformers	Jan. 1, 1895
532,003	Miller, G. E.	Railway signals, cab, sectional rail	Jan. 1, 1895
532,009	Parrish, H. A.	Railway signals	Jau. 1, 1895
532,031	Corcoran, J.	Railways, systems, overhead, trolleys	Jau. 8, 1895
532,095	Richardson, A. W.	Lights, arc, gravity feed, gear-clutch	Jan. 8, 1895
532,101	Rottenberger, D. M.	Insulators	Jan. 8, 1895
532,103	Schefold and Nortney	Lights, arc, special features	Jau. 8, 1895
532,113	Swartz, G. W.	Railways, systems, closed conduit	Jan. 8, 1895
532,133	Anderson, J. M.	Railways, conductor supports and insulators	Jau. 8, 1895
532,142	Cummings, H. H.	Special applications, igniting devices	Jan. 8, 1895
532,157	Just, P. C.	Railways, systems, conduit	Jau. 8, 1895
532,160	Law, M. D.	Insulators	Jau. 8, 1895
532,161	Law, M. D.	Railways, systems, conduit	Jan. 8, 1895
532,164	Love, J. C.	Railways, conductor supports and insulators	Jau. 8, 1895
532,165	Love, J. C.	Railways, systems, conduit	Jan. 8, 1895
532,166	Love, J. C.	Railways, conductor supports and insulators	Jau. 8, 1895
532,167	Love, J. C.	Railways, systems, conduits	Jan. 8, 1895
532,168	Love, J. C.	Railways, conductor supports and insulators	Jan. 8, 1895
532,185	Rieth, P.	Connectors	Jan. 8, 1895
532,195	Gibbs, L. T.	Railways, systems, overhead trolleys	Jan. 8, 1895
532,200	Henry, J. C.	do	Jau. 8, 1895
532,261	Bingher, A. M.	Railways, systems, conduit	Jau. 8, 1895
532,291	Scholes and Myers	Alarms, burglar	Jau. 8, 1895
532,302	Windle, F.	Railways, systems, closed conduit	Jau. 8, 1895
532,328	Locke, M. J.	Lights, incandescent, special features	Jan. 8, 1895
532,353	Wnrtz, A.	Telegraphy, lightning arresters	Jau. 8, 1895
532,354	Wurts, A.	do	Jan. 8, 1895
532,391	Nortney and Schefold	Lights, arc, special features	Jan. 8, 1895
532,441	Bradley, C. S.	Motors, transmission of power	Jan. 15, 1895
532,448	Dulaney, W. T.	Railways, systems, conduit	Jan. 15, 1895
532,449	Dulaney, W. T.	do	Jan. 15, 1895
532,468	Little, A. D.	Electric lighting, filaments and carbons	Jan. 15, 1895
532,477	Nichols and Fraser	Railways, systems, overhead, trolleys	Jan. 15, 1895
532,514	Wilson, R.	Regulators	Jan. 15, 1895
532,531	Chester and Rathbone	Lights, arc, gravity feed gear-clutch	Jan. 15, 1895
532,537	Davis, H. P.	Cut-outs, electro-magnetic	Jan. 15, 1895
532,538	Davis, H. P.	Motors, hand operating devices	Jan. 15, 1895
532,549	Gntman, L.	Motors, alteruating	Jan. 15, 1895
532,559	Hoyt, A. H.	Galvanometers	Jan. 15, 1895
532,560	Hoyt, A. H.	do	Jan. 15, 1895
532,561	Hoyt, A. H.	do	Jan. 15, 1895
532,576	McClintock and McLane	Railways, systems, closed conduit	Jan. 15, 1895
532,588	Schindler Jenny, F. W.	Connectors	Jan. 15, 1895
532,593	Scott, C. F.	Railways, systems, converters	Jan. 15, 1895
532,594	Scott and Davis	Cut-outs, mechanical	Jan. 15, 1895
532,605	Spencer, T.	Annunciators, drop	Jan. 15, 1895
532,633	Berrigan and McClure	Railway signals, block systems	Jan. 15, 1895
532,662	Hancock, W. P.	Cut-outs, mechanical, oscillating snap	Jan. 15, 1895

No.	NAME.	CLASS.	DATE.
532,666	Johnson, E. E.	Lights, incandescent, special features	Jan. 15, 1895
532,760	Branin, M. H.	Lights, incandescent	Jan. 22, 1895
532,769	Cook, F. B.	Telephones, systems, central	Jan. 22, 1895
532,782	Henry, J. C.	Magneto-electric, brushes and holders	Jan. 22, 1895
532,789	Ketcher, J. L.	Motors	Jan. 22, 1895
532,795	Lemp, H.	Magneto-electric, armature and drum	Jan. 22, 1895
532,796	Lewis, E. D.	Railways, conductor supports and insulators	Jan. 22, 1895
532,812	Paine, B. O.	Railways, systems, overhead trolleys	Jan. 22, 1895
532,814	Penton, Gartland and Casserly	Telegraphy, lightning arresters	Jan. 22, 1895
532,826	Schoenmehl, C. B.	Batteries, galvanic	Jan. 22, 1895
532,838	Thomson, E.	Metal welding, metal working	Jan. 22, 1895
532,839	Thomson, E.	Meters	Jan. 22, 1895
532,860	Belding, E. C. T.	Telegraphy, circuit closers	Jan. 22, 1895
532,861	Bell, L.	Regulators	Jan. 22, 1895
532,905	Potter, W. B.	Railways, conductor supports and insulators	Jan. 22, 1895
532,930	Wayland, J.	Railway signals, block systems	Jan. 22, 1895
532,979	Mason, W. A.	Telephones, multiple, electrode	Jan. 22, 1895
533,014	Noyes, B. J.	Telegraphy, fire	Jan. 22, 1895
533,038	Hirsh, M. R.	Magneto-electric, brushes and holders	Jan. 22, 1895
533,078	O'Toole, R.	Batteries, galvanic	Jan. 29, 1895
533,083	Potter, W. B.	Lighting, systems	Jan. 29, 1895
533,084	Reist, H. G.	Magneto-electric	Jan. 29, 1895
533,100	Swoboda, H. O.	Lights, arc, gravity feed, gear-clutch	Jan. 29, 1895
533,107	Weston, E.	Galvanometers	Jan. 29, 1895
533,108	Wirt, C.	Motors	Jan. 29, 1895
533,130	Kingsley, W.	Conductors, underground	Jan. 29, 1895
533,142	Sabin and Hampton	Telephones, systems, intermediate sub-station	Jan. 29, 1895
533,146	Scribner, C. E.	Telephones, systems, central	Jan. 29, 1895
533,147	Scribner, C. E.	do	Jan. 29, 1895
533,148	Scribner, C. E.	do	Jan. 29, 1895
533,154	Wiley, E. C.	Railway signals, track instruments	Jan. 29, 1895
533,183	Storrs, H. C.	Telegraphy, circuit closers, thermal	Jan. 29, 1895
533,196	Horn, H.	Lights, incandescent, special features	Jan. 29, 1895
533,211	Conrad, E.	Lights, arc, gravity feed, pivot dog, clutch	Jan. 29, 1895
533,221	Jacobs, M. M.	Connectors	Jan. 29, 1895
533,223	Lean, G. R.	Lights, incandescent	Jan. 29, 1895
533,241	Stafford, W. A.	Alarms	Jan. 29, 1895
533,244	Steinmetz, C. P.	Systems of distribution	Jan. 29, 1895
533,245	Steinmetz, C. P.	Motors, alternating	Jan. 29, 1895
533,246	Steinmetz, C. P.	Magneto-electric, armatures, drum	Jan. 29, 1895
533,247	Steinmetz, C. P.	Systems of distribution	Jan. 29, 1895
533,248	Steinmetz, C. P.	do	Jan. 29, 1895
533,249	Steinmetz, C. P.	Motors, alternating	Jan. 29, 1895
533,250	Steinmetz, C. P.	do	Jan. 29, 1895
533,251	Turner, F. A.	Telegraphy, fire	Jan. 29, 1895
533,259	Wiegand, S. L.	Electric locomotives	Jan. 29, 1895
533,261	Zimmeis and Bonnionville	Connectors	Jan. 29, 1895
533,269	Bristol, W. H.	Meters	Jan. 29, 1895
533,270	Bristol, W. H.	do	Jan. 29, 1895
533,318	Pohlman, W. J.	Motors, hand-operating devices	Jan. 29, 1895
533,233	Stanley, W.	Systems of distribution	Jan. 29, 1895
533,378	Steinmetz, C. P.	Motors, transmission of power	Jan. 29, 1895
533,379	Steinmetz, C. P.	do	Jan. 29, 1895
533,398	Snowden and Ives	Railway signals, cab, sectional rail	Jan. 29, 1895
533,427	Bayne, H. D.	Telephones, switches	Feb. 5, 1895
533,434	Bufinton, E. W.	Lighting, ceiling block	Feb. 5, 1895
533,445	Denison, F. N.	Dental instruments	Feb. 5, 1895
533,447	Donty, J. G.	Railways, systems, conduit	Feb. 5, 1895
533,459	Henry, I. M.	Lighting, systems	Feb. 5, 1895
533,490	Paynter and Thompson	Telegraphy, fire, noninterfering	Feb. 5, 1895
533,502	Smith and Vandegrift	Lights, incandescent	Feb. 5, 1895
533,583	Dickey, J. W.	Magneto-electric, brushes and holders	Feb. 5, 1895
533,596	Hause, H. A.	Electrolysis, aqueous bath	Feb. 5, 1895
533,607	O'Neil, H. G.	Condctors	Feb. 5, 1895
533,610	Rosenholz, A.	Railways, systems, closed conduit	Feb. 5, 1895
533,619	Stuebing, W.	Telephones, supports	Feb. 5, 1895
533,627	Baker, W. H.	Railways, systems, conduit	Feb. 5, 1895
533,631	Button, F. E.	do	Feb. 5, 1895
533,698	Bates, R. E.	Cut-outs, hangers	Feb. 5, 1895
533,739	McConbray, T.	Telephones, granular	Feb. 5, 1895
535,751	Salom, P. G.	Batteries, secondary	Feb. 5, 1895
533,772	Yost, C. M.	Railways, systems, overhead trolleys	Feb. 5, 1895
533,785	Brooks, M.	Telephones, systems, central	Feb. 5, 1895
533,791	Doehring, C.	Medical and surgical baths	Feb. 5, 1895
533,836	Yost, C. M.	Railways, sectional conductors, connected	Feb. 5, 1895
533,861	Boynton, E. M.	Electric locomotives	Feb. 12, 1895

NO.	NAME.	CLASS.	DATE.
533,869	Davenport, F. S.	Railways, sectional conductors	Feb. 12, 1895
533,873	Eckström, A.	Magneto-electric, multipolar	Feb. 12, 1895
533,877	Fielder, C. L.	Railway signals	Feb. 12, 1895
533,893	Hey and Parsons	Telephones, systems, automatic	Feb. 12, 1895
533,910	Metzger, A.	Connectors	Feb. 12, 1895
533,913	Mount, F. W.	Lighting, ceiling blocks	Feb. 12, 1895
533,920	Priest, E. D.	Motors, hand-operating devices	Feb. 12, 1895
533,926	Stewart, J. B.	Railway signals, sectional rail	Feb. 12, 1896
533,930	Thomson, D. P.	Magneto-electric, armatures, drum	Feb. 12, 1895
533,931	Thomson, E.	Regulators	Feb. 12, 1895
533,932	Thomson, E.	Lights, filaments and carbons	Feb. 12, 1895
533,938	Wilsou, D. H.	Railway signals	Feb. 12, 1895
533,967	Shea, C. A.	Telegraphy, circuits and systems	Feb. 12, 1895
533,979	Wilke, W.	Annunciators, time	Feb. 12, 1895
534,021	Swau, F. A.	Conductors	Feb. 12, 1895
534,025	Yetmau, C. E.	Telegraphy, transmitters	Feb. 12, 1895
534,036	Freeman, W. P.	Batteries, galvauic	Feb. 12, 1895
534,038	Fuller, R.	Magneto-electric, bipolar	Feb. 12, 1895
534,060	Card, G. F.	Motors, hand-operating devices	Feb. 12, 1895
534,078	Parshall, H. F.	do	Feb. 12, 1899
534,079	Parshall, H. F.	Magneto-electric, multipolar	Feb. 12, 1895
534,083	Shea, C. A.	Telegraphy, anti-induction devices	Feb. 12, 1895
534,084	Shea, C. A.	Telegraphy, circuits and systems	Feb. 12, 1895
534,085	Shea, C. A.	Telegraphy, anti-inductiou devices	Feb. 12, 1895
534,086	Spencer, T.	Lights, arc, gravity feed, gear-clutch	Feb. 12, 1895
534,092	Biddle, W.	Electric locomotives	Feb. 12, 1895
534,151	Hassler, R. H.	Motors, alteruating	Feb. 12, 1895
534,158	Jndge, C. L.	Alarms	Feb. 12, 1895
534,206	Edison, T. A.	Lights, filaments and carbons	Feb. 12, 1895
534,207	Edisou, T. A.	do	Feb. 12, 1895
534,208	Edison, T. A.	Systems of distribution	Feb. 12, 1895
534,209	Edison, T. A.	Lights, incandescent	Feb. 12, 1895
534,238	Wheless, M.	Railways, sectional conductor	Feb. 12, 1895
11,471	Lndlow, S. W.	Telegraphy, fire, automatic	Feb. 12, 1895
534,254	Egerland and Freese	Alarms	Feb. 19, 1895
534,259	Parute, P.	Electrolysis, aqueous bath	Feb. 19, 1895
534,269	Lawrence, H. W.	Cut-outs, mechanical	Feb. 19, 1895
534,281	Pennock, G. B.	Lighting, systems	Feb. 19, 1895
534,288	Smith, H. J.	Magneto-electric	Feb. 19, 1895
534,311	Bradt, W. H.	Alarms	Feb. 19, 1895
534,318	Crook, C. M.	Horology, clocks, electric	Feb. 19, 1895
534,319	Crook, C. M.	do	Feb. 19, 1895
534,320	Crook, C. M.	do	Feb. 19, 1895
534,339	Harvey, W. A.	Bells	Feb. 19, 1895
534,359	Clammond, C.	Telephones, switches	Feb. 19, 1895
534,364	Decrow, W. E.	Telegraphy, fire, variable signal	Feb. 19, 1895
534,373	Pickernell, F. A.	Telephones, systems, divided central	Feb. 19, 1895
534,374	Pieper and Pieper	Motive power, dental instruments	Feb. 19, 1895
534,405	Price, J. D.	Telephones, calls	Feb. 19, 1895
534,411	Van Buren, M. F.	Railways, conductors supports and insulators	Feb. 19, 1895
534,414	Walsh, W. H.	Railway signals, cab, sectional rail	Feb. 19, 1895
534,454	Simon, W.	Railways, systems, conduit	Feb. 19, 1895
534,475	Hedenberg, W. L.	Railways, systems, closed conduit	Feb. 19, 1895
534,485	Stansberry and Bettinger	Alarms	Feb. 19, 1895
534,495	Cohen, O.	Railways, systems, conduit	Feb. 19, 1895
534,519	Rosenholz, A.	Railways, systems, closed conduit	Feb. 19, 1895
534,525	Sonn, A. L.	Medical and surgical, combs and brnshes	Feb. 19, 1895
534,529	Soun, A. L.	do	Feb. 19, 1895
534,536	Wheeler, W. E.	Motive power, dental instruments	Feb. 19, 1895
534,547	Bnchell, N. L.	Telephones, supports	Feb. 19, 1895
534,586	Stratton, S. W.	Connectors	Feb. 19, 1895
534,592	Zimmerman, F. M.	Railways, systems, overhead	Feb. 19, 1895
534,595	Atwood and Aylsworth	Bells	Feb. 19, 1895
534,596	Atwood, G. F.	Cloudnctors	Feb. 19, 1895
534,597	Atwood, Aylsworth and Miller	Alarms	Feb. 19, 1895
534,605	Hersh and Weaver	Railways, systems, overhead	Feb. 19, 1895
534,613	Murphy, M. T.	do	Feb. 19, 1895
534,631	Carpenter, A. F.	Alarms	Feb. 26, 1895
534,639	Essick, S. V.	Telegraphy, printing	Feb. 26, 1895
534,640	Fish, W. C.	Meters	Feb. 26, 1895
534,642	Gray, H. F.	Railways, systems, closed condnit	Feb. 26, 1895
534,662	Peterson, H. A. F.	do	Feb. 26, 1895
534,663	Peterson, H. A. F.	do	Feb. 26, 1895
534,670	Rolfe, C. A.	Telephones, systems	Feb. 26, 1895
534,671	Rolfe, C. A.	do	Feb. 26, 1895
534,677	Swoboda, H. O.	Lights, arc, gravity feed, gear-clutch	Feb. 26, 1895
534,678	Trudean, J. A. G.	Systems of distribution	Feb. 26, 1895

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534,699	Sbaw, A. J.	Rheostats	Feb. 26, 1895
534,729	Thomson, D. P.	Magneto-electric	Feb. 26, 1895
534,731	Thomson, E.	Inductoriums, transformers, stationary	Feb. 26, 1895
534,732	Titecomb, R. D.	Connectors	Feb. 26, 1895
534,779	Brace, C. H.	Annunciators, step-by-step	Feb. 26, 1895
534,785	Downes, L. W.	Conductors	Feb. 26, 1895
534,786	Downes, L. W.	do	Feb. 26, 1895
534,802	Lemp, H.	Inductoriums, transformers, stationary	Feb. 26, 1895
534,815	Coleman, J. P.	Railway signals	Feb. 26, 1895
534,826	Goodman, E. H.	do	Feb. 26, 1895
534,834	Julien, E.	Railways, systems, battery	Feb. 26, 1895
534,851	Bliss, W. L.	Lighting, systems, car	Feb. 26, 1895
534,852	Brookie, J.	Lights, arc, gravity feed, gear-clutch	Feb. 26, 1895
534,908	Noyes, B. J.	Telegraphy, fire, variable signal, dial	Feb. 26, 1895
534,953	Eickemeyer, R.	Magneto-electric, multipolar	Feb. 25, 1895
534,956	Hammill, J. M.	Railways, systems, conduit	Feb. 26, 1895
534,970	Rolfe, C. A.	Telebones, systems	Feb. 26, 1895
534,971	Rooney, H. F.	Lights, incandescent	Feb. 26, 1895
534,974	Sperry, E. A.	Railway brakes	Feb. 26, 1895
534,975	Sperry, E. A.	Railway brakes, magnetic clutch, winding drums	Feb. 26, 1895
534,977	Sperry, E. A.	Railway brakes, magnetic shoe	Feb. 26, 1895
534,986	Flynn, M. F.	Railways, systems, closed conduit	Feb. 26, 1895
535,010	Hunting, F. S.	Transmission of power	Mar. 5, 1895
535,027	Shaw, A. J.	Motors, hand-operating devices	Mar. 5, 1895
535,042	Wullweber, O. L.	Telephones, supports	Mar. 5, 1895
535,051	Davis, H. P.	Lights, arc, gravity feed, gear-clutch	Mar. 5, 1895
535,052	Davis, H. P.	do	Mar. 5, 1895
535,060	Houlgrave, C.	Magnetizing and demagnetizing	Mar. 5, 1895
535,067	Montagner, J.	Indicators, station	Mar. 5, 1895
535,069	McElroy and Bayley	Lighting, systems	Mar. 5, 1895
535,077	Potter, H. N.	Cut-outs, mechanical, sliding	Mar. 5, 1895
535,084	Stillwell and Scott	Conductors	Mar. 5, 1895
535,086	Wurtz, A.	Telegraphy, lightning arresters	Mar. 5, 1895
535,090	Brewer, H. J.	Batteries, galvanic	Mar. 5, 1895
535,100	Gill, J. B.	Alarms, burglar	Mar. 5, 1895
535,106	Heath, H. E.	Magneto-electric, armatures, drum	Mar. 5, 1895
535,149	Van Nuis, C. S.	Cut-outs, mechanical	Mar. 5, 1895
535,158	Bradford, J. M.	Regulators	Mar. 5, 1895
535,179	Spino, C.	Telegraphy, printing	Mar. 5, 1895
535,199	Fowler, F. L.	Lights, incandescent	Mar. 5, 1895
535,214	Leodetti, F. E.	Railways, systems, closed conduit	Mar. 5, 1895
535,247	Jacques, W. W.	Telephones, electric	Mar. 5, 1895
535,281	Goodman and Goodman	Telephones, granular	Mar. 5, 1895
535,289	Jacques, W. W.	Telephones, electric	Mar. 5, 1895
535,294	Murphy, P.	Railways, systems, closed conduit	Mar. 5, 1895
535,297	Rosenholtz, A.	do	Mar. 5, 1895
535,299	Shea, C. A.	Telegraphy, circuits and systems	Mar. 5, 1895
535,304	Sperry, E. A.	Electric locomotives	Mar. 5, 1895
535,324	Dulaney, W. T., jr.	Railways, systems, conduit	Mar. 5, 1895
535,332	Guiley, A. H. R.	Railway signals, cab, sectional rail	Mar. 5, 1895
535,336	Johnson, L.	Lights, arc, special features	Mar. 5, 1895
535,345	Bentley, E. M.	Railways, systems, closed conduit	Mar. 12, 1895
535,370	Gregory, F. L.	Horology, clocks, electric	Mar. 12, 1895
535,398	O'Flaherty, D.	Railways, systems, closed conduit	Mar. 12, 1895
535,443	Conklin, J. I.	Lighting, systems, car	Mar. 12, 1895
535,464	Schaefer, H. N. F.	Batteries, galvanic	Mar. 12, 1895
535,484	Carpenter, H. L.	Annunciators, time	Mar. 12, 1895
535,488	Cox, H. B.	Batteries, thermal	Mar. 12, 1895
535,489	Cox, H. B.	do	Mar. 12, 1895
535,490	Cox, H. B.	do	Mar. 12, 1895
535,491	Cox, H. B.	do	Mar. 12, 1895
535,511	Sperry, E. A.	Motors, hand-operating devices	Mar. 12, 1895
535,530	Annable, W. W.	Railways, conductors supports and insulators	Mar. 12, 1895
535,530	Chytraeus, O.	Motors, alternating	Mar. 12, 1895
535,533	Dewey, M. W.	Cut-outs, mechanical, rotary	Mar. 12, 1895
535,540	Holland, N. H.	Telephones, switches	Mar. 12, 1895
535,541	Hough, A.	Batteries, secondary	Mar. 12, 1895
535,565	Walsch, W. H.	Railway signals, cab, sectional rail	Mar. 12, 1895
535,579	Geisenhorner and Sandman	Magneto-electric, armatures	Mar. 12, 1895
535,589	Knight, J. C.	Lights, arc, gravity feed, gear-clutch	Mar. 12, 1895
535,592	Lilie, N. W.	Conductors	Mar. 12, 1895
535,615	Dean, W. W.	Telephones, details	Mar. 12, 1895
535,660	Belcher, W. J.	Insulators	Mar. 12, 1895
535,692	France, A. W.	Lights, arc, special features	Mar. 12, 1895
535,703	Lamb, R.	Railways, systems, telepher	Mar. 12, 1895
535,745	De la Touanne, C. F. G. M. B.	Telephones, systems, multiple switch-board, test	Mar. 12, 1895

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535,796	Haskins, C. D.	Regulators	Mar. 12, 1895
535,797	Haskins, C. D.	do	Mar. 12, 1895
535,806	Nissl, F.	Telephones, systems, automatic	Mar. 12, 1895
11,473	Stierniger, L.	Lights, incandescent	Mar. 12, 1895
535,810	Burry, J.	Telegraphy, printing wheel	Mar. 19, 1895
535,833	Lowe, W. S.	Lights, incandescent	Mar. 19, 1895
535,840	MacIntire, G. R.	Lights, arc, positive feed, gear-clutch	Mar. 19, 1895
535,841	MacIntire, G. R.	Lights, arc, positive feed, step, gear-clutch	Mar. 19, 1895
535,842	MacIntire, G. R.	do	Mar. 19, 1895
535,855	Blot, G. R.	Batteries, secondary	Mar. 19, 1895
535,905	Horton and Jones	Dental instruments	Mar. 19, 1895
535,917	Meyer, A. F. W.	Induction coils	Mar. 19, 1895
535,936	Bergh and Tarbox	Railways, systems, closed conduit	Mar. 19, 1895
535,948	Frick, F.	Horology, time alarms	Mar. 19, 1895
535,971	Wood and King	Railways, systems, overhead	Mar. 19, 1895
535,993	McLaughlin, J. F.	Railways, sectional conductors	Mar. 19, 1895
535,998	Rnette, W. T.	Conductors, underground	Mar. 19, 1895
536,032	Hutin and Leblanc	Motors, alternating	Mar. 19, 1895
536,076	Grant, H. C.	Railways, systems, closed conduit	Mar. 19, 1895
536,095	O'Connell, J. J.	Telegraphy, lightning arresters	Mar. 19, 1895
536,104	Spencer, T.	Annunciators, drop	Mar. 19, 1895
536,153	McEvoy, C. H.	Connectors	Mar. 19, 1895
536,184	Case, F. E.	Insulators	Mar. 26, 1895
536,210	Jackson, W. E. M.	Recorders	Mar. 26, 1895
536,221	Miller, C. J.	Cut-outs, mechanical, oscillating snaps	Mar. 26, 1895
536,250	Wood, M. M.	Railways, systems, overhead	Mar. 26, 1895
536,266	Chesney, C. C.	Cut-outs, mechanical	Mar. 26, 1895
536,271	Dntrey, J.	Railway signals, cab, sectional rail	Mar. 26, 1895
536,275	Emery, C. E.	Railways, systems, closed conduit	Mar. 26, 1895
536,311	Wood, J. J.	Cut-outs, thermal, branch	Mar. 26, 1895
536,319	Schneller and Wisse	Inductoriums, transformers, stationary	Mar. 26, 1895
536,374	Davenport, F. S.	Railways, sectional conductors	Mar. 26, 1895
536,382	Holman, S. W.	Telephones, systems	Mar. 26, 1895
536,420	Delaney, P. B.	Telegraphy, repeaters	Mar. 26, 1895
536,429	Hermann, E. A.	Railway signals, block	Mar. 26, 1895
536,439	Morgan, E. C.	Magneto-electric, armature, rings	Mar. 26, 1895
536,467	Gillette and Williams	Telephones, systems, house	Mar. 26, 1895
536,478	Parker, H. C.	Galvanometers	Mar. 26, 1895
536,481	Price, J. D.	Telephones, switches	Mar. 26, 1895
536,530	Jordan, C. M.	Regulators, resistance	Mar. 26, 1895
536,547	Selden, C.	Railway signals, block	Mar. 26, 1895
536,559	Willott, C. K. J.	Telegraphy, relays and sounders	Mar. 26, 1895
536,551	Laurence, W.	Railways, sectional conductors	Mar. 26, 1895
536,608	Dickerson, M.	Inductoriums, transformers, stationary	Apr. 2, 1895
536,655	Richards, W. L.	Connectors	Apr. 2, 1895
536,654	Creager, F. O.	Insulators	Apr. 2, 1895
536,689	Libbey, H. W.	Batteries, galvanic	Apr. 2, 1895
536,705	Robeson, W. B.	Telephones, supports	Apr. 2, 1895
536,730	Mailloux, C. O.	Elevators	Apr. 2, 1895
536,748	Biddle, W.	Electric, locomotives	Apr. 2, 1895
536,763	Serdniko, J.	Telephones, magnetic	Apr. 2, 1895
536,764	Snow, F. P.	Railway signals, block system	Apr. 2, 1895
536,766	Spiro, C.	Telegraphy, printing	Apr. 2, 1895
536,787	Hayes and Spencer	Telephones, systems, multiple switch-board, divided central	Apr. 2, 1895
536,792	Soden, F. H.	Lights, sockets and keys	Apr. 2, 1895
536,794	Valley, G.	Motors, hand-operating devices	Apr. 2, 1895
536,795	Valley, G.	do	Apr. 2, 1895
536,803	Harris, A.	do	Apr. 2, 1895
536,809	Jones, F. W.	Telephones, switch-boards	Apr. 2, 1895
536,811	Lemp, H.	Cut-outs, electro-magnetic	Apr. 2, 1895
536,816	McElroy, J. F.	Systems of distribution	Apr. 2, 1895
536,828	Crehore, A. C.	Railways, sectional conductors, magnetic closers	Apr. 2, 1895
536,843	Blumenberg, H.	Electrolysis, aqueous bath, chemical	Apr. 2, 1895
536,855	Dion, L.	Railways, sectional conductors, magnetic closers	Apr. 2, 1895
536,857	Dion, L.	Conductors	Apr. 2, 1895
536,871	Goldsmith, N. O.	Railway signals, sectional rail	Apr. 2, 1895
536,872	Goldsmith, N. O.	do	Apr. 2, 1895
536,914	Brown, F. H.	Telephones, magnetic	Apr. 2, 1895
536,915	Byron, J. M.	Railways, systems, closed conduit	Apr. 2, 1895
536,918	Chaplin and Dion	do	Apr. 2, 1895
536,920	Colvin, F. R.	Telephones, systems, central	Apr. 2, 1895
536,923	Dion, L.	Railways, systems, closed conduit	Apr. 2, 1895
536,926	Ethridge and Eastman	Clocks, electric	Apr. 2, 1895
536,952	Hughes and Adams	Railways, systems, closed conduit	Apr. 2, 1895

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536,963	McElroy, J. F.	Magneto-electric, bipolar	Apr. 2, 1895
536,967	Reichel, E. B. W.	Railways, systems, overhead trolleys	Apr. 2, 1895
536,973	Valley, G.	Magneto-electric, brushes and holders	Apr. 2, 1895
536,977	Votey, Flemming and Wood	Music, electric actions	Apr. 2, 1895
536,978	Votey, Flemming and Wood	do	Apr. 2, 1895
536,996	Bairett, H. T.	Batteries, cathodes	Apr. 9, 1895
537,004	Burton, G. D.	Metal welding, metal working	Apr. 9, 1895
537,005	Burton, G. D.	do	Apr. 9, 1895
537,006	Burton, G. D.	do	Apr. 9, 1895
537,007	Burton, G. D.	do	Apr. 9, 1895
537,008	Burton, G. D.	do	Apr. 9, 1895
537,009	Burton, G. D.	Furnace, electric	Apr. 9, 1895
537,010	Burton, G. D.	Magneto-electric, multipolar	Apr. 9, 1895
537,011	Burton, G. D.	Metal welding, metal working	Apr. 9, 1895
537,012	Burton, G. D.	do	Apr. 9, 1895
537,013	Burton, G. D.	do	Apr. 9, 1895
537,014	Burton, G. D.	do	Apr. 9, 1895
537,032	Gregory, F. L.	Clocks, electric	Apr. 9, 1895
537,058	Merritt, C. A.	Lights, incandescent, stopper	Apr. 9, 1895
537,118	Johnson, E. H.	Galvanometers	Apr. 9, 1895
537,124	Nony, R.	Steering and propulsion	Apr. 9, 1895
537,130	Sperry, E. A.	Cut-outs, mechanical	Apr. 9, 1895
537,133	Thomas, G. L.	Railway signals, railways	Apr. 9, 1895
537,139	Bailey, S. L.	Electrolysis, purifying liquids	Apr. 9, 1895
537,149	Gooding and Scovil	Magnetizing and demagnetizing	Apr. 9, 1895
537,161	Kirnan, W. H.	Telegraphy, fire, variable signal, dial	Apr. 9, 1895
537,194	Guest, J. H.	Railways, systems, closed conduit	Apr. 9, 1895
537,195	Gnest, J. H.	do	Apr. 9, 1895
537,196	Gnest, J. H.	Railways, sectional conductors, magnetic closers	Apr. 9, 1895
537,197	Guest, J. H.	do	Apr. 9, 1895
537,198	Gnest, J. H.	Railway signals, railway, sectional rail	Apr. 9, 1885
537,199	Guest, J. H.	Railways, sectional conductors, magnetic closers	Apr. 9, 1895
537,200	Gnest, J. H.	Railways, systems, closed conduit	Apr. 9, 1895
537,228	Parkinson, Springfield and Mills	Cut-outs, hanger	Apr. 9, 1895
537,239	Wuuts, A.	Cut-outs, mechanical	Apr. 9, 1895
537,268	Boothby, H. E.	Railway signals, railways	Apr. 9, 1895
537,271	Eryant, W. C.	Lights, incandescent	Apr. 9, 1895
537,282	Frost, E. F.	Telephones, systems	Apr. 9, 1895
537,283	Furbish and Staples	Railways, systems, overhead trolleys	Apr. 9, 1895
537,343	Hartmann and Braun	Galvanometers	Apr. 9, 1895
537,354	Pease, J.	Magneto-electric	Apr. 9, 1895
537,358	Powell and Hall	Lighting, systems, secondary battery	Apr. 9, 1895
537,402	Burtou and Angell	Metal welding, metal working	Apr. 9, 1895
537,403	Burton, G. D.	Electrolysis, aqueous bath	Apr. 9, 1895
537,404	Burton, G. D.	do	Apr. 9, 1895
537,405	Burton, G. D.	do	Apr. 9, 1895
537,412	Fyfe, J. C.	Motors, hand-operating devices	Apr. 9, 1895
537,414	Guest, J. H.	Railways, systems, closed conduit	Apr. 9, 1895
537,415	Guest, J. H.	Railways, sectional conductors, magnetic closers	Apr. 9, 1895
537,416	Guest, J. H.	do	Apr. 9, 1895
537,423	Long and Skaden	Electrolysis, aqueous bath, ores	Apr. 9, 1895
537,464	Kleber, O. L.	Telegraphy, printing wheel	Apr. 16, 1895
537,474	McDougall, W. M.	Batteries, secondary	Apr. 16, 1895
537,480	Pauter, G. E.	Magneto-electric, commutators and collectors	Apr. 16, 1895
537,498	Thomson, E.	Lights, incandescent	Apr. 16, 1895
537,499	Thomson, E.	Galvanometers	Apr. 16, 1895
537,500	Thomson, E.	do	Apr. 16, 1895
537,501	Thouison, E.	do	Apr. 16, 1895
537,513	Wightman, M. J.	Telegraphy, lightning arresters	Apr. 16, 1895
537,515	Wood, J. J.	Cut-outs, mechanical, rotary	Apr. 16, 1895
537,533	Hewlett, E. M.	Lightning arresters	Apr. 16, 1895
537,538	Metzger, A.	Cut-outs, mechanical	Apr. 16, 1895
537,539	Metzger, A.	Cut-outs, mechanical, oscillating snap	Apr. 16, 1895
537,541	Moody, W. S.	Regulators, alternating	Apr. 16, 1895
537,549	Rice, E. W.	Systems of distribution	Apr. 16, 1895
537,555	Stiens, P.	Lights, filaments and carbons	Apr. 16, 1895
537,575	Krockier, H.	Batteries, secondary	Apr. 16, 1895
537,595	Andersou, G. J.	Lighting, systems	Apr. 16, 1895
537,603	Decker, W.	Telephones, systems	Apr. 16, 1895
537,617	Pfluger, C. A.	Lights, arc, gravity feed	Apr. 16, 1895
537,626	Belden, H. A.	Railways, systems, conduit	Apr. 16, 1895
537,630	Connell, A. N.	do	Apr. 16, 1895
537,633	Crosby, E. H.	Lights, positive feed	Apr. 16, 1895

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537,644	Morris, R. H.	Telegraphy, duplex	Apr. 16, 1895
537,665	Ball, H. P.	Cut-outs, mechanical, oscillating snap	Apr. 16, 1895
537,672	Claret and Wuilleumier	Systems of distribution	Apr. 16, 1895
537,673	Clark, J. B.	Electric locomotives	Apr. 16, 1895
537,693	Malignani, A.	Lights, incandescent	Apr. 16, 1895
537,696	Mensing, L. C. H.	Lights, arc, gravity feed, gear-clutch	Apr. 16, 1895
537,706	McLaughlin, J. F.	Railways, sectional conductors, magnetic closers	Apr. 16, 1895
537,715	Poole, A. D.	Cut-outs, hanger	Apr. 16, 1895
537,718	Rothenberger, D. M.	Insulators	Apr. 16, 1895
537,757	Dean, J.	Railway signals, sectional rail	Apr. 16, 1895
537,769	Harrison, H. T.	Meters	Apr. 16, 1895
537,755	Roberts, J. H.	Elevators	Apr. 23, 1895
537,756	Roberts, J. H.	do	Apr. 23, 1895
537,557	Robinson, W.	Electric locomotives	Apr. 23, 1895
537,360	Smith, F. O.	Annunciators, time	Apr. 23, 1895
537,376	Whittingham, G. H.	Rheostats	Apr. 23, 1895
537,907	Snow, E. A.	Lighting, ceiling block	Apr. 23, 1895
537,920	Faulkner, J. M.	Conductors	Apr. 23, 1895
537,932	Oram, J. M.	Alarms, burglar	Apr. 23, 1895
537,967	Coonan, W.	Telephones, systems	Apr. 23, 1895
537,989	Moskowitz, M.	Batteries, secondary	Apr. 23, 1895
537,994	Richardson, C. H.	Regulators, resistance	Apr. 23, 1895
538,005	Wolpers, C. C. G.	Railways, systems, conduit	Apr. 23, 1895
538,020	Habershaw, W. M.	Conductors	Apr. 23, 1895
538,023	Lewis, F. M.	Lights, arc, gravity feed, gear-clutch	Apr. 23, 1895
538,083	Osyor, D. N.	Connectors	Apr. 23, 1895
538,090	Wagner and Schwedtmann	Cut-outs, thermal	Apr. 23, 1895
538,097	Boudreaux, L.	Magneto-electric, brushes and holders	Apr. 23, 1895
538,104	Emery, C. E.	Electric locomotives	Apr. 23, 1895
538,136	Timmis, I. A.	Railway signals	Apr. 23, 1895
538,158	Faulkner, J. M.	Railways, sectional conduct's, magnetic closer	Apr. 23, 1895
538,224	Bowadaile, L. L.	Cut-outs, hanger	Apr. 23, 1895
538,243	Dibb and Rorabeck	Lights, incandescent, special features	Apr. 30, 1895
538,247	Fiske, B. A.	Indicators	Apr. 30, 1895
538,271	O'Neill, H. G.	Furnaces, electric	Apr. 30, 1895
538,272	O'Neill, H. G.	Special applications, igniting devices, man-	
		ual	Apr. 30, 1895
538,281	Priest, E. D.	Magneto-electric, brushes and holders	Apr. 30, 1895
538,284	Rolfe, C. A.	Cut-outs, thermal	Apr. 30, 1895
538,289	Schrewsbury and Dobell	Lights, filaments and carbons	Apr. 30, 1895
538,295	Swacick, J. D.	Railways, systems, overhead, trolleys	Apr. 30, 1895
538,325	Devine, J. J.	Electric locomotives	Apr. 30, 1895
538,327	Gilliland, E. T.	Telephones, systems, central	Apr. 30, 1895
538,328	Gilliland, E. T.	Telephones, supports	Apr. 30, 1895
538,329	Gilliland, E. T.	Magneto-electric, hand machines	Apr. 30, 1895
538,344	Penn and Lowndes	Magneto-electric, armatures, ring	Apr. 30, 1895
538,345	Porter, E. H.	Magneto-electric, multipolar	Apr. 30, 1895
538,351	Sabin, L. M.	Motors, reciprocating	Apr. 30, 1895
538,357	Smith, J. F.	Railways, systems, conduit	Apr. 30, 1895
538,359	Urruty, F. L. M.	Electrolysis, aqueous bath	Apr. 30, 1895
538,373	Homan, F. H.	Railways, sectional conductor, mechanical closers	Apr. 30, 1895
538,377	Lindstrom, N. O.	Regulators, sectional windings	Apr. 30, 1895
538,390	Scott, W. R.	Railways, conductor supports and insulators	Apr. 30, 1895
538,391	Scott, W. R.	do	Apr. 30, 1895
538,408	Burton, G. D.	Railways, systems, overhead	Apr. 30, 1895
538,423	Koenig and Mann	Connectors	Apr. 30, 1895
538,454	Meyer, A. F. M.	Telephones, switches	Apr. 30, 1895
538,457	Mosher, J. A.	Lights, arc, gravity feed clutch	Apr. 30, 1895
538,458	Myers, L. E.	Connectors	Apr. 30, 1895
538,474	Absterdam, J. A.	Telephones, systems	Apr. 30, 1895
538,569	Wheeler, F.	Railways, systems, overhead, trolleys	Apr. 30, 1895
538,590	Langen, E.	Railway signals, sectional rail	Apr. 30, 1895
538,603	Simpson, H.	Conductors, lightning rods	Apr. 30, 1895
538,617	Lundell, R.	Magneto-electric, brushes and holders	Apr. 30, 1895
538,628	Silvey, W. L.	Batteries, secondary	Apr. 30, 1895
538,648	Arnold, E.	Motors, alternating, starters	May 7, 1895
538,649	Baird, G. E.	Railways, systems, closed conduit	May 7, 1895
538,650	Baird, G. E.	do	May 7, 1895
538,651	Bradford, C. W.	Telegraphy, keys	May 7, 1895
538,669	Eickemeyer, R.	Lighting, systems, safety	May 7, 1895
538,670	Eckstrom, A.	Cut-outs, mechanical	May 7, 1895
538,700	Reynolds, G. H.	Conductors, elevators	May 7, 1895
538,744	Rae, F. B.	Regulators, sectional, winding	May 7, 1895
538,757	Waterhouse, A. G.	Regulators, compound, windings	May 7, 1895
538,758	Watkins, R.	Railways, general	May 7, 1895

No.	NAME.	CLASS.	DATE.
538,764	Borsodi, F -----	Medical and surgical, body wear -----	May 7, 1895
538,786	McLean and Kornetzke -----	Railways, systems, conduit -----	May 7, 1895
538,816	Bunuell, J. H -----	Telegraphy, relays and sonnders -----	May 7, 1895
538,825	Fiske, J. P. B -----	Commutators and collectors -----	May 7, 1895
538,838	Lawrence, W -----	Railways, systems, closed conduit -----	May 7, 1895
538,844	Parker and Trepagnier -----	Railways, systems, overhead -----	May 7, 1895
538,904	Fankner, J. M -----	Connectors -----	May 7, 1895
538,919	Knowles, E. R -----	Batteries, secondary -----	May 7, 1895
538,971	Laughlin, M. F -----	Medical and surgical, electrodes -----	May 7, 1895
538,975	McDonough, J. W -----	Telephones, systems, automatic -----	May 7, 1895
538,979	Platt, J -----	Tempering and annealing -----	May 7, 1895
538,983	Traphagen and Fitzpatrick -----	Conductors, house wiring -----	May 7, 1895
538,998	Browne and Chaplin -----	Aqueous bath, chemicals -----	May 7, 1895
538,999	Allin, S. S -----	Lights, arc, gravity feed -----	May 7, 1895
539,000	Fowler, W -----	Alarms -----	May 7, 1895
539,017	Fowler, W -----	Connectors -----	May 7, 1895
539,019	Chamberlain, R. N -----	Lighting, systems, secondary battery -----	May 7, 1895
539,024	Bell, F. M -----	Connectors -----	May 14, 1895
539,032	Bosely, W. S -----	Magneto-electric, brushes and holders -----	May 14, 1895
539,040	Desilles, L. H -----	Insulators -----	May 14, 1895
539,068	Marton, M -----	Telephones, magnetic -----	May 14, 1895
539,079	Oehring, A. J -----	Telegraphy, circuit closers -----	May 14, 1895
539,086	Rice, R. F -----	Telephones, electric -----	May 14, 1895
539,099	Taitor, G -----	Telephones, systems, multiple switch-board -----	May 14, 1895
539,105	Warner, E. P -----	Rheostats -----	May 14, 1895
539,142	McDaniel, C. W -----	Telephones, systems, intermediate sub-station -----	May 14, 1895
539,150	Sheppard, W. H -----	Lights, incandescent -----	May 14, 1895
539,154	Thomas, A. L -----	Railway signals, sectional rail -----	May 14, 1895
539,163	Brown, A. C -----	Telephones, granular -----	May 14, 1895
539,170	Cook, F. B -----	Telephones, switches -----	May 14, 1895
539,184	Lucas, P -----	Railways, sectional conductors, mechanical closers -----	May 14, 1895
539,192	Rodriguez and Rockwell -----	Lights, incandescent, special features -----	May 14, 1895
539,216	Carey, A. C -----	Rheostats -----	May 14, 1895
539,234	Neu, G. S -----	Telegraphy, fire alarms and extinguishers -----	May 14, 1895
539,276	Kelly, T -----	Telephones, switches -----	May 14, 1895
539,277	Lincoln, J. C -----	Motors -----	May 14, 1895
539,293	Parshall and Darley -----	Motors, hand-operating devices -----	May 14, 1895
539,298	Porter, J. Y -----	Railway signals, cab, sectional rail -----	May 14, 1895
539,354	Coleman, J. P -----	Railway signals, sectional rail -----	May 14, 1895
539,369	Rogers, J. H -----	Telegraphy, multiplex -----	May 14, 1895
539,392	Pfluger, C. A -----	Lights, arc, positive feed -----	May 14, 1895
539,393	Pfluger, C. A -----	Lights, arc, gravity feed, gear-clutch -----	May 14, 1895
539,396	Stringham, J -----	Railway signals, sectional rail -----	May 14, 1895
539,404	Arnustrom, A. H -----	Regulators, alternating -----	May 14, 1895
539,418	Cotton, W. H -----	Railways, sectional conductor, mechaualical closers -----	May 21, 1895
539,431	Ingersoll, F. G -----	Bells -----	May 21, 1895
539,437	Mercadier, E. J. P -----	Telephones, electric -----	May 21, 1895
539,446	Rice, E. W -----	Lighting, systems -----	May 21, 1895
539,452	Steinmetz, C. P -----	Meters -----	May 21, 1895
539,453	Thomsou, E -----	Magneto-electric, brushes aud holders -----	May 21, 1895
539,454	Thomson, E -----	Magneto-electric -----	May 21, 1895
539,484	Newton, Purbrook and Hudson -----	Medical and surgical, body-wear -----	May 21, 1895
539,500	Biddle, W -----	Batteries, secoudary, charging and discharging -----	May 21, 1895
539,501	Boyd, B. J -----	Medical and surgical -----	May 21, 1895
539,511	Gruner, A -----	Telegraphy, fire, automatic -----	May 21, 1895
539,516	Hoag, J. W -----	Railways, systems, overhead, trolleys -----	May 21, 1895
539,529	Miller and Miller -----	Railway signals, cab, sectional rail -----	May 21, 1895
539,559	Tisdale, C. D -----	Alarms -----	May 21, 1895
539,576	Deming, E -----	Railway signals, cab, sectional rail -----	May 21, 1895
539,583	Hersh, J. R -----	Cut-outs, thermal, successive -----	May 21, 1895
539,585	Kraemer and Kruger -----	Rheostats -----	May 21, 1895
539,616	Green, A -----	Connectors -----	May 21, 1895
539,622	Kirkegaard, P -----	Lights, are, special features -----	May 21, 1895
539,636	Nellie and Weisser -----	Telephones, details -----	May 21, 1895
539,681	Greeu, A -----	Railways, systems, overhead, trolleys -----	May 21, 1895
539,701	Noyes, B. J -----	Telegraphy, fire, variable signal, dial -----	May 21, 1895
539,712	Troll, F. J -----	Magneto-electric, hand machines -----	May 21, 1895
539,725	Chapman, F. A -----	Cut-outs, thermal, plug -----	May 21, 1895
539,737	Habersham, R. A -----	Alarms, burglar, safe -----	May 21, 1895
539,778	Rae, F. B -----	Regulators, resistances -----	May 21, 1895
539,786	Barrell, F -----	Railways, systems, conduit -----	May 28, 1895
539,796	Close, T. J -----	Conductors, underground -----	May 28, 1895
539,798	Dalby, W. H -----	Railways, systems, overhead, trolleys -----	May 28, 1895

No.	NAME.	CLASS.	DATE.
539,799	Dickson, W. K. L.	Lights, incandescent, special features	May 28, 1895
539,825	Rieth, P.	Connectors	May 28, 1895
539,832	Stillwell and Brownau	Cut-outs, mechanical	May 28, 1895
539,838	Trobach, K. O. E	Lights, filaments and carbons	May 28, 1895
539,840	Ware, A. L	Railways, signals, cab, sectional rail	May 28, 1895
539,849	Atwater, J. B.	Motors	May 28, 1895
539,854	Carey and Ball	Railways, conductor supports and insulators	May 28, 1895
539,863	Fanre, Haffie and Libbey	Motors, hand-operating devices	May 28, 1895
539,870	Jennings, F. A.	Annunciators, step-by-step	May 28, 1895
539,871	Johnson, H. T.	Batteries, galvanic	May 28, 1895
539,876	Moody, W. S.	Inductoiums, transformers, stationary	May 28, 1895
539,877	Mosher, J. A.	Lights, arc, gravity feed, gear-clutch	May 28, 1895
539,881	Persson and Thomson	Magneto-electric, armature, drum	May 28, 1895
539,886	Thomson, E	Meters	May 28, 1895
539,931	Buxton, F. E	Connectors	May 28, 1895
539,939	Gharky, W. D.	Electro-magnets	May 28, 1895
539,943	Hochhausen, W.	Magneto-electric, armature, drum	May 28, 1895
539,966	Sterling, C. B.	Bells	May 28, 1895
540,010	Widmayer, F. B.	Railways, sectional condactor, mechanical closers	May 28, 1895
540,012	Adhemar, d'G.	Telephones, systems, multiple switch-board, test	May 28, 1895
540,029	Short, S. H.	Electric locomotives	May 28, 1895
540,035	Thomson, E	Magneto-electric, brushes and holders	May 28, 1895
540,054	Henry, J. C.	Lighting systems, test	May 28, 1895
540,060	Jackson, W. E. M.	Railways, conductor supports and insulators	May 28, 1895
540,068	Loomis, D. W.	Railway rolling stock, motors, equalizing levers	May 28, 1895
540,076	Silvey, W. L.	Batteries, secondary	May 28, 1895
540,094	Giesler, A.	Regulators, engine control	May 28, 1895
540,117	Spencer, T.	Telephones, switch-boards	May 28, 1895
540,153	Dobrowolsky, M. von D.	Galvanometers	May 28, 1895
540,168	Keith and Lnndqnist	Telephones, systems, automatic	May 28, 1895
540,185	Payen, C.	Batteries, secondary	May 28, 1895
540,187	Petersen, H. A. F.	Railways, systems, closed conduit	May 28, 1895
540,216	Oelschlaegen, E. G. P.	Systems of distribution	May 28, 1895
540,239	Dean, W. W.	Telephones, multiple switch-board, test	June 4, 1895
540,244	Gold, E. E.	Heaters, electric	June 4, 1895
540,264	Lorrain, J. G.	Telegraphy, fire alarms and extinguishers	June 4, 1895
540,305	Flynn, M. F.	Railways, systems, closed conduit	June 4, 1895
540,323	Loomis and Pierce	Electro-magnets	June 4, 1895
540,325	Mather, A. L.	Railways, systems, overhead	June 4, 1895
540,333	Pfingger, C. A.	Lights, arc, special features	June 4, 1895
540,340	Thomson, T.	Railways, systems, overhead, trolleys	June 4, 1895
540,341	Tourney, J.	Alarms, burglar	June 4, 1895
540,351	De Camp, G.	Magneto-electric, bipolar	June 4, 1895
540,358	Henize, J. O., jr.	Cut-outs, mechanical, oscillating snap	June 4, 1895
540,367	Segerdahl, R.	Bells	June 4, 1895
540,398	Meek, J. E.	Heaters, electric	June 4, 1895
540,404	Radcliffe, H.	Lights, arc, special feartnes	June 4, 1895
540,422	Chase, H. A.	Telegraphy, fire, variable signal, dial	June 4, 1895
540,443	Hohart, A. H.	Lighting, systems	June 4, 1895
540,456	Pearce, F.	Motors	June 4, 1895
540,463	Sheperd, G. W.	Iguiting devices, manual	June 4, 1895
540,477	Willot, C. R. J.	Telegraphy, circuits and systems	June 4, 1895
540,483	Berry and Harrison	Lighting, systems, displays	June 4, 1895
540,486	Euphrat, T.	Railways, systems, overhead, trolleys	June 4, 1895
540,487	Euphrat, T.	do	June 4, 1895
540,529	Williamson, G. S.	Annunciators	June 4, 1895
540,540	Croskey and Locke	Conductors	June 4, 1895
540,557	McKim, J.	Regulators, alternating	June 4, 1895
510,569	Allen, C. M.	Railways, systems, closed conduit	June 4, 1895
540,608	Collier and Dettlefs	Electrolysis, purifying liquids, water	June 4, 1895
11,498	Fiske, B. A.	Indicators	June 4, 1895
540,620	(Reis.)	Telephones, calls	June 11, 1895
540,641	Alexander, W. W.	Railway signals	June 11, 1895
540,653	Daves, W.	Railways, sectional conductors, magnetic closers	June 11, 1895
540,664	Enholm, O. A.	Cut-onts, hangers	June 11, 1895
540,668	Hoening, S.	Regulators, alternating	June 11, 1895
540,687	Hunnter, R. M.	Conductors	June 11, 1895
540,691	Randal, F. S.	Conductors, underground	June 11, 1895
540,742	Rnete, W. T.	Lighting, systems, displays	June 11, 1895
540,761	Keeelyn, P. F.	Telephones, details	June 11, 1895
540,772	Scott, W. W.	Telegraphy, circuits and systems	June 11, 1895
540,781	Willonghby, C.	Telephones, granular	June 11, 1895
540,781	Drawbangh, D.	Lights, arc, special features	June 11, 1895
540,800	Parmy, S. P.		

No.	NAME.	CLASS.	DATE.
540,859	Gedge, B. H	Railway signals, cab, sectional rail	June 11, 1895
540,883	Steinbach, W. L	Railways, systems, overhead, trolleys	June 11, 1895
540,899	Boudet and Lacombe	Ammniciators, step-by-step	June 11, 1895
540,900	Brooks, D	Railways, systems, conduit	June 11, 1895
540,901	Brooks, D	do	June 11, 1895
540,949	Clark, E. A	Telegraphy, circuits and systems	June 11, 1895
540,959	Drawbaugh, D	Telephones, granular	June 11, 1895
540,960	Drawbaugh, D	do	June 11, 1895
540,961	Drawbaugh, D	do	June 11, 1895
540,969	Field, S. D	Telephones, magnetic	June 11, 1895
540,974	Grandy, D. B	Telegraphy, quadruplex	June 11, 1895
541,019	Smith, D. W	Railways, conductor snpports and insulators	June 11, 1895
541,020	Smith, D. W	Railways, systems, conduit	June 11, 1895
541,036	Clammond, C	Telephones, graunlar	June 11, 1895
541,037	Clammond, C	do	June 11, 1895
541,044	Fritty, W. H	Railways, systems, overhead, trolleys	June 11, 1895
541,077	Deau, W. W	Telephones, systems, central	June 18, 1895
541,081	Edgerton, N. H	Batteries, secondary	June 18, 1895
541,098	Kroger, J	Railways, systems, overhead	June 18, 1895
541,121	Rose, G. F	Lights, sockets and keys	June 18, 1895
541,136	Willms, C	Rheostats	June 18, 1895
541,148	Bnrgess, P. G	Galvauometers	June 18, 1895
541,149	Burry, J	Telegraphy, printing	June 18, 1895
541,152	Cook, F. B	Telephones, switch-board	June 18, 1895
541,165	Huntrer, R. M	Electric locomotives, pivoted motors	Jnne 18, 1895
541,179	Pflnger, C. A	Lights, arc, positive feed	June 18, 1895
541,200	Eickemeyer, R	Elevators	June 18, 1895
541,225	Crane, M. G	Telegraphy, fire, repeaters	June 18, 1895
541,227	Eliesen, C. P	Telegraphy, cireuit closers	June 18, 1895
541,233	Huguest, C. K	Systems of distribution	June 18, 1895
541,243	Mauger, F. W	Telegraphy, cireuit closers	June 18, 1895
541,259	Baker and Brinker	Connectors	June 18, 1895
541,286	Moore and Megarvey	Condnctors	June 18, 1895
541,290	Rushmore, S. W	Lighting systems, automatic regulation	June 18, 1895
541,332	Patterson, J. M	Insulators	June 18, 1895
541,338	Smith, A. J	Railways, systems, closed conduit	June 18, 1895
541,341	Buisson, J. A	Railway signals, sectional rail	June 18, 1895
541,350	Glasgow, F. A	Batteries, galvanic	June 18, 1895
541,357	Hilliard, J. D	Regulators, compounding	June 18, 1895
541,367	Lathrop, B. R	Medical and surgical, body-wear	June 18, 1895
541,380	McLanghlin, J. F	Magneto-eleetric, armatures, ring	June 18, 1895
541,389	Devine, E. J	Telegraphy, railway car	June 18, 1895
541,459	Scott and Davis	Cut-outs, thermal	June 25, 1895
541,460	Smith, A. W	Lights, arc, gravity feed, clntch	June 25, 1895
541,465	Vautin, C. T. J	Electrolysis, fused bath	June 25, 1895
541,467	Brown, H. P	Railways, systems	June 25, 1895
541,471	Corey, F. B	Electro-magnets	June 25, 1895
541,473	Davis and Scott	Cut-outs, thermal	June 25, 1895
541,491	Möhrlé, J	Lights, incandescent	June 25, 1895
541,497	Perkins, F. B	Elevators	Jnne 25, 1895
541,500	Pieper and Pieper	Motors, hand-operating devices	Jnne 25, 1895
541,505	Rymer, W	Indicators	June 25, 1895
541,541	Heimann, S	Lights, filaments and carbons	June 25, 1895
541,542	Herdman, F. E	Motors, haud-operating devices	Jnne 25, 1895
541,543	Herdman, F. E	do	June 25, 1995
541,544	Herdman, F. E	do	June 25, 1895
541,545	Herdman, F. E	Elevators	June 25, 1895
541,549	Jaskey and Else	Igniting devices, automatic	June 25, 1895
541,552	Kingdon, J. A	Conductors, udergronnnd	June 25, 1895
541,597	Darling, J. D	Aqueous bath, chemicals	June 25, 1895
541,603	Edwards, E. A	Lights, are, incandescent	Jnne 25, 1895
541,604	Eickemeyer, R	Motors, alternating	June 25, 1895
541,608	Hancock, W. P	Cut-onts, mechanical, oscillating suap	June 25, 1895
541,615	Hunting, F. S	Motors, transmission of power	Jnne 25, 1895
541,641	Still, W. J	Motors	Jnne 25, 1895
541,719	Clark, C. M	Alarms, burglar	June 25, 1895
541,723	Creveling, J. L	Igniting devices, manual	June 25, 1895
541,730	Ebi, E	Railways, systems, conduit	June 25, 1895
541,796	Taylor, J. P	Railways, systems, overhead, trolleys	June 25, 1895
541,798	Whittingham, G. H	Regulators, resistance	Jnue 25, 1895

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## **APPENDIX No. XIV.**

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### **PART III.**

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**CONSISTING OF AN**

### **ALPHABETICAL INDEX OF ALL PATENTS**

**RELATING TO**

### **ELECTRICITY.**

**Issued from July 1, 1894, to June 30, 1895, inclusive, giving names of Inventors,  
numbers and dates of Patents, and the sub-class to which each belongs.**

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ALPHABETICAL INDEX  
OF  
PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1894, TO JUNE 30, 1895.

No.	NAME.	CLASS.	DATE.
538,474	Alsterdam, J. A.	Telephones, systems	Apr. 30, 1895
527,826	Acheson, E. G.	Filaments and carbons	Oct. 23, 1894
529,688	Adams, W. S.	Electric locomotive	Nov. 27, 1894
540,012	Adhemar, d'G.	Telephones, systems, multiple switch-board, test	
527,258	Adkins, W. H.	Telegraphy, automatic	May 28, 1895
525,437	Alhertson, A. C.	Igniting devices	Oct. 9, 1894
529,992	Alexander and Grosmith	Magneto-electric, armature ring	Sept. 4, 1894
540,620	Alexander, W. W.	Telephones, calls	Nov. 27, 1894
510,569	Allen, C. M.	Railways, systems, closed conduit	June 11, 1895
525,523	Allen, C. M.	Railways, system	June 4, 1895
538,999	Allin, S. S.	Lights, arc, gravity feed	Sept. 4, 1894
527,098	Alsop, C. R.	Annunciators, drop	May 7, 1895
527,099	Alsop, C. R.	Railway signals, track instruments	Oct. 9, 1894
531,761	Alton, G. H.	Electric lighting, ceiling blocks	Oct. 9, 1894
537,595	Anderson, G. J.	Lighting, systems	Jan. 1, 1895
524,672	Anderson, J. M.	Railways, systems, overhead	Apr. 16, 1895
529,058	Anderson, J. M.	Railways, conductor supports and insulators	Aug. 14, 1894
531,331	Anderson, J. M.	Railways, systems, overhead trolleys	Nov. 13, 1894
532,133	Anderson, J. M.	Railways, conductor supports and insulators	Dec. 25, 1894
535,530	Annable, W. W.	do	Jan. 8, 1895
526,888	Anthony, M. O.	Telephone, multiple electrode	Mar. 12, 1895
528,268	Armer, A. H.	Galvanometers	Oct. 2, 1894
539,404	Armstrong, A. H.	Regulators, alternating	Oct. 30, 1894
538,648	Arnold, E.	Motors, alternating, starters	May 21, 1895
531,355	Ashley, C. L.	Cut-outs, thermal, successive	May 7, 1895
530,674	Ashley, H. H.	Cut-outs, hanger	Dec. 25, 1894
539,849	Atwater, J. B.	Motors	Dec. 11, 1894
534,595	Atwood and Aylsworth	Bells	May 28, 1895
534,597	Atwood, Aylsworth and Miller	Alarms	Feb. 19, 1895
534,596	Atwood, G. F.	Conductors	Feb. 19, 1895
527,546	Bache, W. H.	Railways, systems, overhead, trolleys	Oct. 16, 1894
524,156	Bachinan, O. B.	Medical and surgical electrode	Aug. 7, 1894
527,922	Backstrom and Johnson	Body wear	Oct. 23, 1894
525,450	Badt, F. B.	Railways, system, converters	Sept. 4, 1894
529,578	Badt, F. B.	Telegraphy, circuit closers	Nov. 20, 1894
525,936	Baehr, G.	Cut-outs, mechanical, oscillating, snap	Sept. 11, 1894
537,139	Bailey, S. L.	Electrolysis, purifying liquids	Apr. 9, 1895
538,649	Baird, G. E.	Railways, systems, closed conduit	May 7, 1895
535,650	Baird, G. E.	do	May 7, 1895
541,259	Baker and Brinker	Connectors	June 18, 1895
526,605	Baker, B. E.	Rheostats	Sept. 25, 1894
531,146	Baker, C. H.	Railway signals, systems, car	Dec. 18, 1894
523,847	Baker, W. H.	Telegraphy, railway cars	July 31, 1894
533,627	Baker, W. H.	Railways, systems, conduit	Feb. 5, 1895
526,139	Baldwin, H. L.	Telephones, multiple, electrode	Sept. 18, 1894
523,653	Ball, H. P.	Insulators	July 31, 1894
530,498	Ball, H. P.	Railways, conductor supports and insulators	Dec. 11, 1894
537,665	Ball, H. P.	Cut-outs, mechanical, oscillating snap	Apr. 16, 1895
531,298	Balsley, C. H.	Lights, sockets and keys	Dcc. 18, 1894
539,786	Barrell, F.	Railways, systems, conduit	May 28, 1895
536,996	Barrett, H. T.	Batteries, cathodes	Apr. 9, 1895
527,927	Bassett, N. C.	Electric locomotives	Oct. 23, 1894
533,698	Bates, R. E.	Cut-outs, hangers	Feb. 5, 1894
523,427	Bayne, H. D.	Telephones, switches	Feb. 5, 1895
524,100	Beardsley, L. S.	Conductors	Aug. 7, 1895
531,499	Eehr, F. B.	Railways, systems, telpher	Dec. 25, 1894
535,600	Belcher, W. J.	Insulators	Mar. 12, 1895
537,626	Belden, H. A.	Railways, systems, conduit	Apr. 16, 1895
532,860	Belding, E. C. T.	Telegraphy, circuit closers	Jan. 22, 1895
539,024	Bell, F. M.	Connectors	May 14, 1895
522,580	Bell, L.	Magneto-electric, multipolar	July 10, 1894
531,432	Bell, L.	Regulators, alternating	Dec. 25, 1894

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No.	NAME.	CLASS.	DATE.
532,861	Bell, L.	Regulators	Jan. 22, 1895
526,850	Benjamin, G. H.	Railways, systems, conduit	Oct. 2, 1894
523,998	Bennerfelt, G.	Magneto-electric	Aug. 7, 1894
522,820	Bentley, E. M.	Transmission of power	July 10, 1894
524,373	Bentley, E. M.	Regulators	Aug. 14, 1894
535,345	Bentley, E. M.	Railways, systems, closed conduit	Mar. 12, 1895
535,936	Bergh and Tarbox	do	Mar. 19, 1895
528,119	Bergmann, S.	Lights, arc, gravity feed, gear clutch	Oct. 23, 1894
524,374	Bernhardt, C.	Telegraphy, fire, automatic	Aug. 14, 1894
526,988	Beron, F. G.	Cnt-onts, mechanical, rotary	Oct. 2, 1894
532,633	Berrigan and McClure	Railway signals, block systems	Jan. 15, 1895
540,483	Berry and Harrison	Lighting, systems, displays	Jnne 4, 1895
529,999	Berthon, L. A.	Telephones, switchboards	Nov. 27, 1894
523,453	Biddle, W.	Electric locomotives	Jnly 21, 1894
526,432	Biddle, W.	do	Sept. 25, 1894
531,764	Biddle, W.	Lighting, systems, car	Jan. 1, 1895
531,765	Biddle, W.	do	Jan. 1, 1895
534,092	Biddle, W.	Electric locomotives	Feb. 12, 1895
536,748	Biddle, W.	do	Apr. 2, 1895
539,500	Biddle, W.	Batteries, secondary, charging and discharging	
532,261	Bingher, A. M.	Railways, systems, condnit	May 21, 1895
522,189	Blackwell, F. O.	Electric locomotives	Jan. 8, 1895
529,354	Blackwell, J. L.	Railways, systems, overhead, trolleys	July 3, 1894
530,004	Blake, J. F.	Telegraphy, circuit closers	Nov. 20, 1894
524,239	Blake, L. I.	Telegraphy, cireniits and systems	Nov. 27, 1894
523,160	Blakesley, G. W.	Connectors	Aug. 7, 1894
530,082	Bliss, L. D.	Telegraphy, keys	July 17, 1894
525,836	Bliss, W. L.	Magneto-electric	Dec. 4, 1894
534,851	Bliss, W. L.	Lighting, systems, car	Sept. 11, 1894
522,581	Blood, J. R.	Motors, hand-operating devices	Feb. 26, 1895
526,141	Bloomer, W. C.	Conductors, underground	July 10, 1894
535,885	Blot, G. R.	Batteries, secondary	Sept. 18, 1894
536,848	Blumenberg, H.	Electrolysis, aqueous bath, chemical	Mar. 19, 1895
530,575	Boardman, A. F.	Telephones, electric	Apr. 2, 1895
529,059	Bogart and Leonard	Railway signals, block systems	Dec. 11, 1894
528,900	Bolles, F. G.	Cut-onts, mechanical	Nov. 13, 1894
526,142	Book, D. D.	Connectors	Nov. 6, 1894
537,268	Boothhy, H. E.	Railway signals, railways	Sept. 18, 1894
538,764	Borsodi, F.	Medical and surgical, body wear	Apr. 9, 1895
539,032	Boseley, W. S.	Magneto-electric, brushes and holders	May 7, 1895
540,899	Boudet and Lacomhe	Annunciators, step-by-step	May 14, 1895
538,097	Bondreaux, L.	Magneto-electric, brushes and holders	June 11, 1895
523,617	Boughton, C. V.	Telegraphy, printing	Apr. 23, 1895
524,017	Bourdereaux, G. L.	Railways, systems, overhead trolleys	July 24, 1894
538,224	Bowadaile, L. L.	Cut-outs, hanger	Aug. 7, 1894
524,305	Bowker, R. R.	Lighting system	Apr. 23, 1895
539,501	Boyd, B. J.	Medical and surgical	Ang. 14, 1894
533,861	Boynton, E. M.	Electric locomotives	May 21, 1895
534,779	Brace, C. H.	Annnciators, step-hy-step	Feb. 12, 1895
538,651	Bradford, C. W.	Telegraphy, keys	Feb. 26, 1895
535,158	Bradford, J. M.	Regulators	May 7, 1895
522,286	Bradley, C. S.	Magneto-electric, bipolar	Mar. 5, 1895
525,312	Bradley, C. S.	Transmission of power	July 3, 1894
525,689	Bradley, C. S.	Inductoriums, transformers, stationary	Aug. 28, 1894
525,690	Bradley, C. S.	Railway, systems	Sept. 11, 1894
532,441	Bradley, C. S.	Motors, transmission of power	Sept. 11, 1894
525,943	Bradley, H. E.	Lights, arc, gravity feed, ring-clntch	Jan. 15, 1895
525,001	Bradley, L. W.	Insnlators	Sept. 11, 1894
534,311	Bradt, W. H.	Alarms	Sept. 11, 1894
532,760	Bramin, M. H.	Lights, incandescent	Feb. 28, 1894
535,090	Brewer, H. J.	Batteries, galvanic	Jan. 22, 1895
524,664	Brewster, F. A.	Medical and surgical body-wear	Mar. 5, 1895
526,482	Bridgman, H. L.	Electrolysis, aqueous bath	Aug. 14, 1894
528,586	Bridgman, H. L.	do	Sept. 25, 1894
528,587	Bridgman, H. L.	do	Nov. 6, 1894
531,406	Bridgman, H. L.	Magneto-electric	Nov. 6, 1894
531,018	Briggs and Patterson	Lighting, systems, display	Dec. 25, 1894
533,269	Bristol, W. H.	Meters	Dec. 18, 1894
533,270	Bristol, W. H.	do	Jan. 29, 1895
529,240	Brockie, J.	Lights, arc, gravity feed, ring clntch	Nov. 13, 1894
534,852	Brockie, J.	Lights, arc, gravity feed, gear-clutch	Feb. 26, 1895
525,584	Brocklehurst, H.	Railways, systems	Sept. 4, 1894
523,566	Brocq, F. A.	Meters	July 24, 1894
540,900	Brooks, D.	Railways, systems, condnit	June 11, 1895
540,901	Brooks, D.	do	June 11, 1895
533,785	Brooks, M.	Telephones, systems, central	Feb. 5, 1895

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No.	NAME.	CLASS.	DATE.
539,163	Brown, A. C-----	Telephones, granular -----	May 14, 1895
528,529	Brown, C. W-----	Connector -----	Nov. 6, 1894
536,914	Brown, F. H-----	Telephones, magnetic -----	Apr. 2, 1895
525,782	Brown, G-----	Motors, hand-operating devices -----	Sept. 11, 1894
541,467	Brown, H. P-----	Railways, systems -----	June 25, 1895
538,998	Browne and Chaplin-----	Aqueous bath, chemicals -----	May 7, 1895
528,589	Brownell and Seager-----	Telegraphy, circuit closers -----	Nov. 6, 1894
531,153	Brnger, T-----	Meters -----	Dec. 18, 1894
537,271	Bryant, W. C-----	Lights, incandescent -----	Apr. 9, 1895
533,434	Bnffinton, E. W-----	Lighting, ceiling block -----	Feb. 5, 1895
530,578	Buffington and Jones-----	Motive power, elevators -----	Dec. 11, 1894
541,341	Buisson, J. A-----	Railway signals, sectional rail -----	June 18, 1895
527,317	Bullock, E. J-----	Insulators -----	Oct. 9, 1894
537,318	Bullock, E. J-----	do -----	Oct. 9, 1894
538,816	Bunnell, J. H-----	Telegraphy, relays and sounders -----	May 7, 1895
534,547	Burchell, N. L-----	Telephones, supports -----	Feb. 19, 1895
541,148	Burgess, P. G-----	Galvanometers -----	June 18, 1895
529,704	Burke, C. G-----	Railways, systems, closed conduit -----	Nov. 27, 1894
524,376	Burke, J-----	Regulators -----	Aug. 14, 1894
522,964	Burnett and Doane-----	Lights, incandescent -----	July 17, 1894
535,510	Burry, J-----	Telegraphy, printing wheel -----	Mar. 19, 1895
541,149	Burry, J-----	Telegraphy, printing -----	June 18, 1895
523,957	Burton, G. D-----	Metal welding -----	July 31, 1894
537,004	Burton, G. D-----	Metal welding, metal working -----	Apr. 9, 1895
537,005	Burton, G. D-----	do -----	Apr. 9, 1895
537,006	Burton, G. D-----	do -----	Apr. 9, 1895
537,007	Burton, G. D-----	do -----	Apr. 9, 1895
537,008	Burton, G. D-----	do -----	Apr. 9, 1895
537,009	Burton, G. D-----	Furnace, electric -----	Apr. 9, 1895
537,010	Burton, G. D-----	Magneto-electric, mnltipolar -----	Apr. 9, 1895
537,011	Burton, G. D-----	Metal welding, metal working -----	Apr. 9, 1895
537,012	Burton, G. D-----	do -----	Apr. 9, 1895
537,013	Burton, G. D-----	do -----	Apr. 9, 1895
537,014	Burton, G. D-----	do -----	Apr. 9, 1895
537,403	Burton, G. D-----	Electrolysis, aqueons bath -----	Apr. 9, 1895
537,404	Burton, G. D-----	do -----	Apr. 9, 1895
537,405	Burton, G. D-----	do -----	Apr. 9, 1895
538,408	Burton, G. D-----	Railways, systems, overhead -----	Apr. 30, 1895
522,506	Burton and Angell-----	Inductoriums, transformers, stationary -----	July 3, 1894
522,507	Burton and Angell-----	do -----	July 3, 1894
537,402	Burton and Angell-----	Metal welding, metal working -----	Apr. 9, 1895
523,104	Batler, W. A-----	Railways, systems, closed conduit -----	July 17, 1894
527,265	Bntler, W. A-----	do -----	Oct. 9, 1894
533,631	Bntton, F. E-----	Railways, systems, conduit -----	Feb. 5, 1895
539,931	Buxton, F. E-----	Connectors -----	May 28, 1895
536,915	Byron, J. M-----	Railways, systems, closed condnit -----	Apr. 2, 1895
523,805	Cabot, J. A-----	Inductorioms, transformers, stationary -----	July 31, 1894
530,324	Callender, R-----	Telephones, systems, automatic -----	Dec. 4, 1894
525,735	Campbell, S. L-----	Lights, arc, special features -----	Sept. 11, 1894
523,262	Cannot, G. A-----	Electrolysis, aqueous bath, chemicals -----	July 17, 1894
523,263	Cannot, G. A-----	do -----	July 17, 1894
523,264	Cannot, G. A-----	Lights, filaments and carbons -----	July 17, 1894
524,884	Card, G. F-----	Magneto-electric -----	Aug. 21, 1894
525,332	Card, G. F-----	Cut-outs, mechanical -----	Sept. 4, 1894
534,060	Card, G. F-----	Motors, hand-operating devices -----	Feb. 12, 1895
529,216	Carey, A. C-----	Rheostats -----	May 14, 1895
539,854	Carey and Ball-----	Railways, condactor snports and insulators -----	May 28, 1895
524,630	Carles, A. C-----	Cnt-outs, hangers -----	Aug. 14, 1894
534,631	Carpenter, A. F-----	Alarms -----	Feb. 26, 1895
535,484	Carpenter, H. L-----	Annunciators, time -----	Mar. 12, 1895
530,088	Cartron, P. J. C-----	Magneto-electric, brshes and holders -----	Dec. 4, 1894
525,315	Cartwright, D. J-----	Lighting, ceiling blocks -----	Ang. 28, 1894
526,145	Cartwright, D. J-----	Lights, sockets and keys -----	Sept. 18, 1894
530,066	Cartwright, D. J-----	Connectors -----	Nov. 27, 1894
530,852	Cartwright, D. J-----	Lights, arc, special features -----	Dec. 11, 1894
529,894	Cary, J. H-----	Calls, strength and polarity -----	Nov. 27, 1894
536,184	Case, F. E-----	Insulators -----	Mar. 26, 1895
529,363	Cassidy, J. C-----	Cnt-outs, mechanical, rotary -----	Nov. 20, 1894
529,595	Cassidy, J. C-----	do -----	Nov. 20, 1894
526,963	Cattori, M-----	Railways, systems, circuits, series -----	Oct. 2, 1894
523,460	Cazin, F. M. F-----	Lights, incandescent -----	Jnly 24, 1894
523,461	Cazin, F. M. F-----	do -----	July 24, 1894
539,019	Chamberlain, R. N-----	Lighting, systems, secondary battery -----	May 7, 1895
522,727	Chambers, J. C-----	Igniting devices, manual -----	July 10, 1894
536,915	Chaplin and Dion-----	Railways, systems, closed conduit -----	Apr. 2, 1895
529,725	Chapman, F. A-----	Cut-outs, thermal, plug -----	May 21, 1895
524,480	Chase, H. A-----	Telephones, switches -----	Aug. 14, 1894

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No.	NAME.	CLASS.	DATE.
528,075	Chase, H. A.	Telegraphy, fire	Oct. 23, 1894
540,422	Chase, H. A.	Telegraphy, fire, variable signal, dial	June 4, 1895
525,134	Chesney, C. C.	Cut-outs, electro-magnetic	Aug. 28, 1894
530,748	Chesney, C. C.	Systems of distribution	Dec. 11, 1894
536,266	Chesney, C. C.	Cuts-outs, mechanical	Mar. 26, 1895
532,531	Chester and Rathbone	Lights, arc, gravity feed gear-clutch	Jan. 15, 1895
528,121	Child, C. T.	Motors, alternating	Oct. 23, 1894
528,590	Childs, W.	Telephones, systems, automatic	Nov. 6, 1894
528,591	Childs, W.	do	Nov. 6, 1894
535,530	Chytraens, O.	Motors, alternating	Mar. 12, 1895
534,359	Clammond, C.	Telephones, switches	Feb. 19, 1895
541,036	Clammond, C.	Telephones, granular	Jnne 11, 1895
541,037	Clammond, C.	do	June 11, 1895
537,672	Claret and Wnilleumier	Systems of distribution	Apr. 16, 1895
523,092	Clariot, J. J. P.	Cut-outs, mechanical, rotary	Ang. 28, 1894
541,719	Clark, C. M.	Alarms, burglar	June 25, 1895
540,949	Clark, E. A.	Telegraphy, circuits and systems	June 11, 1895
537,673	Clark, J. B.	Electric locomotives	Apr. 16, 1895
526,686	Clark, J. H.	Motors	Oct. 2, 1894
539,796	Close, T. J.	Conductors, underground	May 28, 1895
523,395	Clough, A. L.	Lights, incandescent	Jnly 24, 1894
526,992	Clough, A. L.	Systems of distribution	Oct. 2, 1894
528,149	Cobb, W. D.	Railways, systems, overhead, trolleys	Oct. 30, 1894
527,195	Coerper, C.	Motors, alternating	Oct. 9, 1894
534,495	Cohen, O.	Railways, systems, conduit	Feb. 19, 1895
522,404	Cole, W. R.	Telephones, electric	July 3, 1894
526,220	Coleman, C. J.	Telegraphy, circuit closers, thermal	Sept. 18, 1894
530,637	Coleman, C. J.	Special applications, igniting devices	Dec. 11, 1894
11,128	Coleman, J. P.	Railway signals	July 10, 1894
526,179	Coleman, J. P.	do	Sept. 18, 1894
534,815	Coleman, J. P.	do	Feb. 26, 1895
539,354	Coleman, J. P.	Railway signals, sectional rail	May 14, 1895
540,608	Collier and Dettlefs	Electrolysis, purifying liquids, water	Jnne 4, 1895
527,050	Collins, H. B.	Heaters, electric	Oct. 9, 1894
528,592	Colvin, F. R.	Telephones, systems, automatic	Nov. 6, 1894
522,707	Colvin, F. R.	Telephones, switches	July 10, 1894
524,524	Colvin, F. R.	Telephones, electric	Ang. 14, 1894
536,920	Colvin, F. R.	Telephones, systems, central	Apr. 2, 1895
529,826	Combs, E. S.	Telephones, switches	Nov. 27, 1894
535,443	Conklin, J. I.	Lighting, systems, car	Mar. 12, 1895
528,122	Conly, M. S.	Railway signals, railway, cab	Oct. 23, 1894
524,706	Connell, W. H.	Lights, incandescent, special features	Ang. 21, 1894
537,630	Connell, A. N.	Railways, systems, closed conduit	Apr. 16, 1895
525,336	Conrad, W. H.	Motors, hand-operating devices	Sept. 4, 1894
533,211	Conrad, E.	Lights, arc, gravity feed, pivot dog, clutch	Jan. 29, 1895
532,769	Cook, F. B.	Telephones, systems, central	Jan. 22, 1895
539,170	Cook, F. B.	Telephones, switches	May 14, 1895
541,152	Cook, F. B.	Telephones, switch-board	Jnne 18, 1895
537,967	Coonan, W.	Telephones, systems	Apr. 23, 1895
531,837	Cooper, T.	Railways, systems, overhead	Jan. 1, 1895
532,031	Corcoran, J.	Railways, systems, overhead, trolleys	Jan. 8, 1895
541,471	Corey, F. B.	Electro-magnets	June 25, 1895
528,593	Corrington, M.	Railway signals, block systems	Nov. 6, 1894
539,418	Cotton, W. H.	Railways, sectional conductor, mechanical closers	May 21, 1895
525,840	Courtwright, A. L.	Telegraphy, lightning arresters	Sent. 11, 1894
528,924	Cox, H. B.	Batteries, thermal	Nov. 13, 1894
529,710	Cox, H. B.	do	Nov. 27, 1894
529,711	Cox, H. B.	do	Nov. 27, 1894
535,485	Cox, H. B.	do	Mar. 12, 1895
535,489	Cox, H. B.	do	Mar. 12, 1895
535,490	Cox, H. B.	do	Mar. 12, 1895
535,491	Cox, H. B.	do	Mar. 12, 1895
526,965	Cox, P. D.	Telegraphy, relays, and sounders	Oct. 2, 1894
523,161	Coykendall, T. C.	Magneto-electric, armature, drum	July 17, 1894
525,445	Coykendall, T. C.	Lighting, system, safety	Sept. 4, 1894
525,446	Coykendall, T. C.	do	Sept. 4, 1894
541,225	Crane, M. G.	Telegraphy, fire, repeaters	Jnne 18, 1895
522,362	Crane, W. F. D.	Railways, conductor supports and insulators	July 3, 1894
536,684	Creager, F. O.	Insulators	Apr. 2, 1895
523,386	Crehore, A. C.	Railways, circuits, multiple arc	July 24, 1894
536,828	Crehore, A. C.	Railways, sectional conductors, magnetic closers	Apr. 2, 1895
525,945	Creighton, W. G.	Railways, closed conduits	Sept. 11, 1894
522,454	Crepar, T. M.	Telegraphy, transmitters	July 3, 1894
522,655	Creveling, J. L.	Railways, systems, conduit	July 10, 1894
541,723	Creveling, J. L.	Igniting devices, manual	June 25, 1895

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523,305	Criggal, J. E.	Lights, incandescent	July 17, 1894
530,472	Cronin, J. M.	Cut-outs, mechanical	Dec. 4, 1894
534,318	Crook, C. M.	Horology, clocks, electric	Feb. 19, 1895
534,319	Crook, C. M.	do	Feb. 19, 1895
534,320	Crook, C. M.	do	Feb. 19, 1895
530,399	Crosby and Locke	Conductors	Dec. 4, 1894
540,540	Crosby and Locke	do	June 4, 1895
537,633	Crosby, E. H.	Lights, positive feed	Apr. 16, 1895
588,925	Culver, F. S.	Inducto-riums, transformers, stationary	Nov. 13, 1894
532,142	Cummings, H. H.	Special applications, igniting devices	Jan. 8, 1895
524,976	Cummings, J. F.	Railways, systems, circuits, multiple, arc	Aug. 21, 1894
524,977	Cummings, J. F.	Conductors, underground	Aug. 21, 1894
523,291	Cummings, J. F.	do	Oct. 30, 1894
529,598	Curry, J. W.	Lights, incandescent, special features	Nov. 27, 1894
527,267	Cuthbert, W. M.	Railway signals	Oct. 9, 1894
522,972	Cuttries, C.	Telegraphy, circuit closers, thermal	July 17, 1894
525,447	Dahl, O.	Motors, alternating	Sept. 4, 1894
539,798	Dalby, W. H.	Railways, systems, overhead, trolleys	May 28, 1895
527,776	Daniels, C. F.	Magneto-electric, multipolar	Oct. 23, 1894
530,507	Darley, J. W.	Motors, hand-operating devices	Dec. 11, 1894
541,597	Darling, J. D.	Aqueous bath, chemicals	June 25, 1895
533,869	Davenport, F. S.	Railways, sectional conductors	Feb. 12, 1895
536,374	Davenport, F. S.	do	Mar. 26, 1895
524,038	Daves, W.	Railway signals, sectional rail	Aug. 7, 1894
530,093	Daves, W.	do	Dec. 4, 1894
540,641	Daves, W.	Railway signals	June 11, 1895
541,473	Davis and Scott	Cut-outs, thermal	June 25, 1895
531,515	Davis, A. B.	Telephones, systems	Dec. 25, 1894
531,913	Davis, A. G.	Telephones, switches	Jau. 1, 1895
532,537	Davis, H. P.	Cut-outs, electro-magnetic	Jan. 15, 1895
532,538	Davis, H. P.	Motors, hand operating devices	Jan. 15, 1895
527,947	Davis, H. P.	do	Oct. 23, 1894
535,051	Davis, H. P.	Lights, arc, gravity feed, gear-clutch	Mar. 5, 1895
535,052	Davis, H. P.	do	Mar. 5, 1895
527,324	Davis, J. R.	Heaters, electric	Oct. 9, 1894
525,886	Dawson, E.	Railways, systems, overhead, trolleys	Sept. 11, 1894
537,757	Dean, J.	Railway signals, sectional rail	Apr. 16, 1895
533,615	Dean, W. W.	Telephones, details	Mar. 12, 1895
540,239	Dean, W. W.	Telephones, multiple switch-board, test	June 4, 1895
541,077	Dean, W. W.	Telephones, systems, central	June 18, 1895
540,351	De Camp, G.	Magneto-electric, bipolar	June 4, 1895
531,623	Decker, W.	Magneto-electric, armature, drum	Jan. 1, 1895
537,603	Decker, W.	Telephones, systems	Apr. 16, 1895
526,893	Decrow, W. E.	Telegraphy, fire	Oct. 2, 1894
534,361	Decrow, W. E.	Telegraphy, fire, variable signal	Feb. 19, 1895
536,420	Delaney, P. B.	Telegraphy, repeaters	Mar. 26, 1895
535,745	De la Touanne, C. F. G. M. B.	Telephones, systems, multipleswitch-board, test	Mar. 12, 1895
528,465	Deming, E.	Railway signals, track instruments	Oct. 30, 1894
539,576	Deming, E.	Railway signals, cab, sectional rail	May 21, 1895
529,609	Denison and Geary	Telephones, details	Nov. 20, 1894
533,445	Denison, F. N.	Dental instruments	Feb. 5, 1895
523,140	Denison, J. F.	Motors	July 17, 1894
539,040	Desiles, L. H.	Insulators	May 14, 1895
541,389	Devine, E. J.	Telegraphy, railway car	June 18, 1895
538,325	Devine, J. J.	Electric locomotives	Apr. 30, 1895
527,414	Deweese, T. J.	Conductors	Oct. 16, 1894
535,533	Dewey, M. W.	Cut-outs, mechanical, rotary	Mar. 12, 1895
524,541	Dewson, E. H., jr	Motors, hand-operating devices	Aug. 14, 1894
524,542	Dewson, E. H., jr	do	Aug. 14, 1894
525,767	Dey and Anderson	Railways, conductor supports and insulators	Nov. 6, 1894
538,243	Dibb and Rorabeck	Lights, incandescent, special features	Apr. 30, 1895
531,291	Dickerhoof, W. H.	Railways, systems, overhead trolleys	Dec. 18, 1894
536,608	Dickerson, M.	Inducto-riums, transformers, stationary	Apr. 2, 1895
533,583	Dickey, J. W.	Magneto-electric, brushes and holders	Feb. 5, 1895
539,799	Dickson, W. K. L.	Lights, incandescent, special features	May 28, 1895
536,855	Dion, L.	Railways, sectional conductors, magnetic closers	Apr. 2, 1895
536,857	Dion, L.	Conductors	Apr. 2, 1895
536,923	Dion, L.	Railways, systems, closed conduit	Apr. 2, 1895
540,153	Dobrovolsky, M. von D.	Galvanometers	May 28, 1895
530,401	Doe, W. S.	Batteries, galvanic	Dec. 4, 1894
533,791	Doehring, C.	Medical and surgical baths	Feb. 5, 1895
531,365	Donshea, W. I.	Magneto-electric, connecting devices	Dec. 25, 1894
524,758	Dornberger, L.	Railway signals	Aug. 21, 1894
523,306	Doty, H. A.	Railways, systems, closed conduit	July 17, 1894
532,447	Douty, J. G.	Railways, systems, conduit	Feb. 5, 1895

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524,165	Downes, L. W.	Inductorinms, induction coils	Ang. 7, 1894
534,785	Downes, L. W.	Condctors	Feb. 26, 1895
534,786	Downes, L. W.	do	Feb. 26, 1895
540,781	Drawbaugh, D.	Telephones, granular	June 11, 1895
540,959	Drawbaugh, D.	do	June 11, 1895
540,960	Drawbaugh, D.	do	June 11, 1895
540,961	Drawbaugh, D.	do	June 11, 1895
525,491	Dressher, L.	Batteries, galvanic	Sept. 4, 1894
523,625	Drummond, E. M.	Railways, systems, overhead, trolleys	July 24, 1894
524,462	Drysdale, R.	Lights, arc, gravity feed, gear-clutch	Aug. 14, 1894
532,448	Dulaney, W. T.	Railways, systems, conduit	Jan. 15, 1895
532,449	Dulaney, W. T.	do	Jan. 15, 1895
535,324	Dulaney, W. T., jr.	do	Mar. 5, 1895
523,704	Duncan, T.	Meters	July 31, 1894
536,271	Dutrey, J.	Railway signals, cab, sectional rail	Mar. 26, 1895
522,934	Eberhard and Schinkatt	Igniting devices, manual	July 10, 1894
541,730	Ebi, F.	Railways, systems, conduit	June 25, 1895
533,873	Eckström, A.	Magneto-electric, multipolar	Feb. 12, 1895
538,670	Eckström, A.	Cnt-outs, mechanical	May 7, 1895
541,081	Edgerton, N. H.	Batteries, secondary	June 18, 1895
524,136	Edison, T. A.	Regulators	Aug. 7, 1894
524,378	Edison, T. A.	Systems of distribution	Ang. 14, 1894
525,007	Edison, T. A.	Lights, filaments and carbons	Aug. 28, 1894
525,888	Edison, T. A.	do	Sept. 11, 1894
534,206	Edison, T. A.	do	Feb. 12, 1895
534,207	Edisou, T. A.	do	Feb. 12, 1895
534,208	Edison, T. A.	Systems of distribution	Feb. 12, 1895
534,209	Edison, T. A.	Lights, incandescent	Feb. 12, 1895
541,603	Edwards, E. A.	Lights, are, incandescent	June 25, 1895
531,025	Edwards, G. E.	Railway signals, cab, sectional rail	Dec. 18, 1894
534,254	Egerland and Freese	Alarms	Feb. 19, 1895
531,366	Egger and Wessel	Electric locomotives	Dec. 25, 1894
524,020	Eickemeyer, R.	Regulators	Ang. 7, 1894
531,790	Eickemeyer, R.	do	Jan. 1, 1895
534,953	Eickemeyer, R.	Magneto-electric, multipolar	Feb. 25, 1895
534,669	Eickemeyer, R.	Lighting, systems, safety	May 7, 1895
541,200	Eickemeyer, R.	Elevators	June 18, 1895
541,604	Eickemeyer, R.	Motors, alternating	June 25, 1895
525,697	Eickemeyer, R.	Magneto-electric, armatures, drum	Sept. 11, 1894
525,698	Eickemeyer, R.	do	Sept. 11, 1894
523,271	Eisenhuth, J. W.	Railways, systems, conduit	July 17, 1894
523,319	Eisenhuth, J. W.	do	July 17, 1894
541,227	Elieson, C. P.	Telegraphy, circuit closers	June 18, 1895
536,275	Emery, C. E.	Railways, systems, closed conduit	Mar. 26, 1895
538,104	Emery, C. E.	Electric locomotives	Apr. 23, 1895
525,539	Enholm, O. A.	Railways, system, closed conduit	Sept. 4, 1894
540,653	Enholm, O. A.	Railways, sectional conductors, magnetic closers	June 11, 1895
531,677	Essick, S. V.	Telegraphy, printing wheel	Jan. 1, 1895
534,639	Essick, S. V.	Telegraphy, printing	Feb. 26, 1895
536,926	Ethridge and Eastman	Clocks, electric	Apr. 2, 1895
540,486	Euphrat, T.	Railways, systems, overhead, trolleys	June 4, 1895
540,487	Euphrat, T.	do	June 4, 1895
527,839	Farnham, I. H.	Annunciators, drop systems	Oct. 23, 1894
529,216	Fatham, J.	Conductors	Nov. 13, 1894
537,920	Faulkner, J. M.	Connectors	Apr. 23, 1895
538,158	Faulkner, J. M.	Railways, sectional conduct's, magnetic closer	Apr. 23, 1895
538,904	Faulkner, J. M.	Connectors	May 7, 1895
531,840	Faure, E. F. G. H.	Lights, arc, special features	Jan. 1, 1895
539,863	Faure, Haffie and Libbey	Motors, hand-operating devices	May 28, 1895
527,415	Fawcett, E.	Magneto-electric, bipolar	Oet. 16, 1894
522,460	Fay, A. T.	Railways, systems, conduit	July 3, 1894
522,461	Fay, A. T.	Railways, systems, closed conduit	July 3, 1894
529,117	Fernand, J.	Regulators	Nov. 13, 1894
523,630	Field, S. D.	Telephones, magnetic	July 24, 1894
529,373	Field, S. D.	Eells	Nov. 20, 1894
530,516	Field, S. D.	Telephones, magnetic	Dec. 11, 1894
540,969	Field, S. D.	do	June 11, 1895
533,877	Fielder, C. L.	Railway signals	Feb. 12, 1895
527,601	Finu, O. B.	Railways, systems, closed conduit	Oct. 16, 1894
534,640	Fish, W. C.	Meters	Feb. 26, 1895
11,498	Fiske, B. A.	Indicators	June 4, 1895
527,950	Fiske, B. A.	Annunciators	Oet. 23, 1894
529,484	Fiske, B. A.	Telegraphy, printing multiple wheel	Nov. 20, 1894
538,247	Fiske, B. A.	Indicators	Apr. 30, 1895
527,840	Fiske, F. C.	Railways, conductor supports and insulators	Oet. 23, 1894
538,825	Fiske, J. P. B.	Commutators and collectors	May 7, 1895

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527,110	Fletcher, C. R.	Electrolysis, aqueous bath	Oct. 9, 1894
534,986	Flynn, M. F.	Railways, systems, closed conduit	Feb. 26, 1895
540,305	Flynn, M. F.	do	June 4, 1895
529,784	Forbes, G.	Maguetto-electric	Nov. 27, 1894
523,204	Forest, W. E.	Lights, incandescent	July 17, 1894
524,711	Fowden, R. A.	Telegraphy, printing wheel	Aug. 21, 1894
535,199	Fowler, F. L.	Lights, incandescent	Mar. 5, 1895
539,000	Fowler, W.	Alarms	May 7, 1895
539,017	Fowler, W.	Connectors	May 7, 1895
535,692	France, A. W.	Lights, arc, special features	Mar. 12, 1895
531,919	Frank, J.	Railway signals, sectional rail	Jan. 1, 1895
534,036	Freeman, W. P.	Batteries, galvanic	Feb. 12, 1895
535,948	Frick, F.	Horology, time alarms	Mar. 19, 1895
525,891	Fricke, H. C.	Insulators	Sept. 11, 1894
528,870	Friese, W.	Meters	Nov. 6, 1894
529,165	Frischen, J. H.	Railway signals, block systems	Nov. 13, 1894
526,182	Fritsche, F.	Medical and surgical, body-wear	Sept. 18, 1894
541,044	Fritty, W. H.	Railways, systems, overhead, trolleys	June 11, 1895
537,232	Frost, E. F.	Telephones, systems	Apr. 9, 1895
523,144	Frost, W. E.	Lights, arc, gravity feed, ring-clutch	July 17, 1894
530,762	Fry and Basford	Railway signals, sectional rail	Dec. 11, 1894
530,763	Fry and Basford	do	Dec. 11, 1894
528,902	Fryer, A.	Railway signals, cab, sectional rail	Nov. 6, 1894
531,109	Fuller and Taylor	Medical and surgical body-wear	Dec. 18, 1894
534,038	Fuller, R.	Magneto-electric, bipolar	Feb. 12, 1895
527,037	Funk, L. L.	Medical and Surgical	Oct. 2, 1894
537,253	Furbish and Staples	Railways, systems, overhead trolleys	Apr. 9, 1895
537,412	Fyfe, J. C.	Motors, hand-operating devices	Apr. 9, 1895
528,539	Fyfe, J. C.	Rheostats	Nov. 6, 1894
526,183	Gale, E.	Railways, system, overhead, trolleys	Sept. 18, 1894
523,889	Ganduxer, J. F.	Cut-outs, electro-magnetic	July 31, 1894
530,764	Gardner, G. H.	Batteries, secondary	Dec. 11, 1894
525,649	Garven, W. H.	Telegraphy, fire, variable signal, dial	Sept. 4, 1894
525,145	Geary, J. J.	Bells	Aug. 28, 1894
540,559	Gedge, B. H.	Railway signals, cab, sectional rail	June 11, 1895
535,579	Geisenhorner and Sandman	Magneto-electric, armatures	Mar. 12, 1895
527,759	Gentry, W. T.	Telephones, details	Oct. 16, 1894
529,325	Gerlach, C. C.	Special applications, electro-magnets	Nov. 13, 1894
539,939	Gharky, W. D.	Electro-magnets	May 28, 1895
524,381	Gibboney, J. W.	Transmission of power	Ang. 14, 1894
532,195	Gibbs, L. T.	Railways, systems, overhead trolleys	Jan. 8, 1895
540,094	Giesler, A.	Regulators, engine control	May 28, 1895
535,100	Gill, J. B.	Alarms, burglar	Mar. 5, 1895
536,467	Gillette and Williams	Telephones, systems, house	Mar. 26, 1895
525,702	Gilliland, E. T.	Telephones, systems, call	Sept. 11, 1894
538,327	Gilliland, E. T.	Telephones, systems, central	Apr. 30, 1895
538,328	Gilliland, E. T.	Telephones, supports	Apr. 30, 1895
538,329	Gilliland, E. T.	Magneto-electric, hand machines	Apr. 30, 1895
530,411	Gilstrap and Gilstrap	Alarms, burglar, safe	Dec. 4, 1894
541,350	Glasgow, F. A.	Batteries, galvanic	June 18, 1895
540,244	Gold, E. E.	Heaters, electric	June 4, 1895
536,871	Goldsmith, N. O.	Railway signals, sectional rail	Apr. 2, 1895
536,872	Goldsmith, N. O.	do	Apr. 2, 1895
527,847	Gooch and Waldo	Electrolysis, fused bath	Oct. 23, 1894
527,848	Gooch and Waldo	do	Oct. 23, 1894
527,849	Gooch and Waldo	do	Oct. 23, 1894
527,850	Gooch and Waldo	do	Oct. 23, 1894
527,851	Gooch and Waldo	do	Oct. 23, 1894
537,149	Gooding and Scovil	Magnetizing and demagnetizing	Apr. 9, 1895
525,201	Goodman and Goodman	Telephones, granular	Aug. 28, 1894
530,412	Goodman and Goodman	do	Dec. 4, 1894
535,234	Goodman and Goodman	do	Mar. 5, 1895
534,526	Goodman, E. H.	Railway signals	Feb. 26, 1895
525,894	Goold, F. D. A.	Meters	Sept. 11, 1894
525,013	Gordon and Pye	Alarms	Aug. 28, 1894
529,903	Gould, A. P.	Railways, conductors supports and insulators	Nov. 27, 1894
526,392	Graham and Allen	Railways, systems, closed conduit	Sept. 25, 1894
540,974	Grandy, D. B.	Telegraphy, quadruplex	June 11, 1895
536,676	Grant, H. C.	Railways, systems, closed conduit	Mar. 19, 1895
526,897	Grant, R. A.	Railways, systems, overhead, trolleys	Oct. 2, 1894
522,592	Gray, E.	Telegraphy, automatic	July 10, 1894
522,593	Gray, E.	do	July 10, 1894
534,642	Gray, H. F.	Railways, systems, closed conduit	Feb. 26, 1895
539,616	Green, A.	Connectors	May 21, 1895
539,631	Green, A.	Railways, systems, overhead, trolleys	May 21, 1895
522,709	Green, J. J.	Railways, systems, closed conduit	July 10, 1894
522,710	Green, J. J.	do	July 10, 1894

No.	NAME.	CLASS.	DATE.
522,711	Green, J. J.	Railways, systems, closed conduit	July 10, 1894
526,704	Green, J. J.	Railways, conductor supports and insulators	Oct. 2, 1894
530,482	Green, J. J.	Railways, systems, closed conduit	Dec. 4, 1894
525,598	Greenwood, H. M.	Railways, systems, overhead	Sept. 4, 1894
522,894	Greer, C. I.	Railways, systems, closed conduit	July 10, 1894
535,370	Gregory, F. L.	Horology, clocks, electric	Mar. 12, 1895
537,032	Gregory, F. L.	Clocks, electric	Apr. 9, 1895
523,276	Grissinger, T.	Telephones, granular	July 17, 1894
530,888	Grove, J. R.	Lights, incandescent	Dec. 11, 1894
539,511	Grinner, A.	Telegraphy, fire, automatic	May 21, 1895
524,202	Gruschow, R. H.	Annunciators, drop	Ang. 7, 1894
537,194	Guest, J. H.	Railways, systems, closed conduit	Apr. 9, 1895
537,195	Guest, J. H.	do	Apr. 9, 1895
537,196	Guest, J. H.	Railways, sectional conductors, magnetic closers	Apr. 9, 1895
537,197	Guest, J. H.	do	Apr. 9, 1895
537,198	Guest, J. H.	Railway signals, railway, sectional rail	Apr. 9, 1885
537,199	Guest, J. H.	Railways, sectional conductors, magnetic closers	Apr. 9, 1895
537,200	Guest, J. H.	Railways, systems, closed condnit	Apr. 9, 1895
537,414	Gnest, J. H.	do	Apr. 9, 1895
537,415	Guest, J. H.	Railways, sectional condnctors, magnetic closers	Apr. 9, 1895
537,416	Guest, J. H.	do	Apr. 9, 1895
535,332	Guiley, A. H. R.	Railway signals, cab, sectional rail	Mar. 5, 1895
531,614	Guilleaume, T.	Telephones, condnctors, anti-inductive	Dec. 25, 1894
527,528	Gnallberg, C.	Clocks, electric	Oct. 16, 1894
530,839	Guthrie, W. A.	Telegraphy, circuit closers	Dec. 11, 1894
530,176	Gntmann, L.	Motors, alternating	Dec. 4, 1894
530,177	Gutmann, L.	do	Dec. 4, 1894
530,178	Gutmann, L.	Motors, transmission of power	Dec. 4, 1894
532,549	Gutmann, L.	Motors, alternating	Jan. 15, 1895
522,790	Gwynu, E. F.	Lights, arc, gravity feed, gear-clutch	July 10, 1894
539,737	Habersharn, R. A.	Alarms, burglar, safe	May 21, 1895
538,920	Habershaw, W. M.	Conductors	Apr. 23, 1895
524,980	Hall and Lillard	Connecitors	Aug. 21, 1894
523,278	Hallas, J. G.	do	July 17, 1894
527,786	Hammer, E. G.	Clocks, electric	Oct. 23, 1894
534,956	Hammill, J. M.	Railways, systems, conduit	Feb. 26, 1895
523,767	Hammond, C. A.	Railway signals, block system	July 31, 1894
524,109	Hammond, C. H.	Lighting, ceiling blocks	Ang. 7, 1894
524,850	Hammond, C. N.	Insulators	Ang. 21, 1894
525,653	Hammond, C. N.	Lighting, ceiling blocks	Sept. 4, 1894
532,662	Hancock, W. P.	Cut-outs, mechanical, oscillating snap	Jan. 15, 1895
541,608	Haucock, W. P.	do	June 25, 1895
526,833	Haukey, J. J.	Medical and surgical, body-wear	Oct. 2, 1894
531,310	Hansen, H.	Cut-outs, thermal	Dec. 25, 1894
526,705	Hanson, J. L.	Railways, systems, overhead, trolleys	Oct. 2, 1894
531,929	Hardeu, T.	Telegraphy, lightning arresters	Jan. 1, 1895
523,119	Harkins, C. D.	Telegraphy, relays and sounders	July 17, 1894
528,477	Harkins, C. H.	Railways, closed conduit	Oct. 30, 1894
536,803	Harris, A.	Motors, hand-operating devices	Apr. 2, 1895
524,717	Harris, S.	Cnt-outs, mechanical	Ang. 21, 1894
529,265	Harrison, H. T.	Systems of distribution	Nov. 13, 1894
527,769	Harrison, H. T.	Meters	Apr. 16, 1895
537,343	Hartmann and Braun	Galvanometers	Apr. 9, 1895
523,662	Hartmann, E.	Meters	July 31, 1894
534,330	Harvey, W. A.	Bells	Feb. 19, 1895
528,205	Harwig, J. L.	Railways, systems, couduit	Oct. 30, 1894
535,796	Haskins, C. D.	Regnulators	Mar. 12, 1895
525,797	Haskins, C. D.	do	Mar. 12, 1895
525,015	Haskins, N. W.	Railways, systems, overheads, trolleys	Aug. 28, 1894
525,016	Haskins, N. W.	do	Aug. 28, 1894
523,572	Hassler, R. H.	Inductoriums, transformers, stationary	July 24, 1894
531,996	Hassler, R. H.	Inductorimms, transformers	Jan. 1, 1895
534,151	Hassler, R. H.	Motors, alternating	Feb. 12, 1895
530,522	Hattenbach, D.	Medical and surgical	Dec. 11, 1894
530,658	Hawley and Black	Railways, systems, conduit	Dec. 11, 1894
525,669	Hayden, M. M.	Batteries, galvanic	Nov. 6, 1894
536,787	Hayes and Spencer	Telephones, systems, multiple switch-board, divided central	Apr. 2, 1895
530,416	Hayn, F. W. N. E.	Railways, systems, overhead trolleys	Dec. 4, 1894
535,106	Heath, H. E.	Magnetico-electric, armatures, drum	Mar. 5, 1895
527,788	Hebard, C. E.	Body-wear	Oct. 23, 1894
534,475	Hedenberg, W. L.	Railways, systems, closed condnit	Feb. 19, 1895
523,892	Heil, A.	Batteries, galvanic	July 31, 1894
527,244	Heilmann, J. J.	Regulators	Oct. 9, 1894

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541,541	Heimann, S.	Lights, filaments and carbons	June 25, 1895
527,977	Heinze, J. O., jr.	Coin-controlled apparatus, miscellaneous	Oct. 23, 1894
540,358	Heinze, J. O., jr.	Cnt-outs, mechanical, oscillating snap	June 4, 1895
526,078	Henck, J. B.	Connectors	Sept. 18, 1894
522,596	Henley, H. C.	Lights, incandescent, special features	July 10, 1894
529,616	Henufeld, Dehiner and Van Ness	Railways, conductor supports and insulators	Nov. 20, 1894
533,459	Henry, I. M.	Lighting, systems	Feb. 5, 1895
524,523	Henry, J. C.	Electric locomotives	Aug. 21, 1894
524,552	Henry, J. C.	Inducto-riums, transformers, stationary	Ang. 21, 1894
532,200	Henry, J. C.	Railways, systems, overhead trolleys	Jan. 8, 1895
532,782	Henry, J. C.	Magueto-electric, brushes and holders	Jan. 22, 1895
540,054	Henry, J. C.	Lighting systems, test	May 28, 1895
526,487	Herberts, H.	Galvanometers	Sept. 25, 1894
530,619	Herdman, F. E.	Motive power, elevators	Dec. 11, 1894
530,773	Herdman, F. E.	Motors, regulators	Dec. 11, 1894
541,542	Herdman, F. E.	Motors, hand-operating devices	Jnue 25, 1895
541,543	Herdman, F. E.	do	Jnue 25, 1895
541,544	Herdman, F. E.	Elevators	June 25, 1895
541,545	Herdman, F. E.	Connectors	July 3, 1894
522,370	Herman, R.	Railway signals, sectional rail	Aug. 14, 1894
524,548	Hermann, E. A.	Railway signals, block	Mar. 26, 1895
536,429	Hermann, E. A.	Rheostats	Aug. 14, 1894
524,382	Herrick, A. B.	Lighting system, hand regulation	Aug. 14, 1894
524,383	Herrick, A. B.	Telephones, switchboards	Sept. 11, 1894
525,708	Herrick, A. B.	Railways, systems, overhead	Feb. 19, 1895
534,605	Hersb and Weaver	Cut-outs, thermal	Sept. 18, 1894
526,227	Hersh, E. E.	Cut-outs, thermal, successive	May 21, 1895
539,583	Hersh, J. R.	Batteries, secondary	Aug. 28, 1894
525,017	Hess, H. K.	do	Aug. 28, 1894
525,018	Hess, H. K.	Batteries, galvanic	July 17, 1894
522,983	Hewett, G.	Railways, systems, conduit	Oct. 2, 1894
526,835	Hewett, R. J.	Cut-outs, mechanical, oscillating snap	Aug. 14, 1894
524,384	Hewlett, E. M.	Lightning arresters	Apr. 16, 1895
537,533	Hewlett, E. M.	Telephones, systems, automatic	Feb. 12, 1895
533,893	Hey and Parsons	Lights, arc, gravity feed, gear-clutch	July 3, 1894
522,294	Heymann and Heymann	Telegraphy, fire	July 17, 1894
523,120	Hibbard, W. W.	do	July 17, 1894
523,121	Hibbard, W. W.	Telegraphy, fire, noninterfering	July 17, 1894
523,122	Hibbard, W. W.	do	July 17, 1894
523,123	Hibbard, W. W.	do	July 17, 1894
523,124	Hibbard, W. W.	do	July 17, 1894
528,204	Hicks, T. H.	Magueto-electric, armature, drums	Oct. 30, 1894
529,174	Higgins, O.	Telephones, magnetic	Nov. 13, 1894
541,357	Hilliard, J. D.	Regulators, compounding	June 18, 1895
533,038	Hirsb, M. R.	Magneto-electric, brushes and bolders	Jau. 22, 1895
539,516	Hoag, J. W.	Railways, systems, overhead, trolleys	May 21, 1895
540,443	Hobart, A. H.	Lighting, systems	Jnue 4, 1895
539,943	Hochhansen, W.	Magneto-electric, armature, drum	May 28, 1895
540,664	Hoening, S.	Cut-outs, hangers	June 11, 1895
529,385	Hofbaner, F. H.	Motors	Nov. 20, 1894
526,810	Hoffman, C.	Regulators	Oct. 2, 1894
523,663	Hoffmann, J.	Magneto-electric	July 31, 1894
535,540	Holland, N. H.	Telephones, switches	Mar. 12, 1895
536,352	Holman, S. W.	Telephones, systems	Mar. 26, 1895
522,757	Holtmann and Schmidt	Railway signals, cab, sectional rail	July 10, 1894
538,373	Homan, F. H.	Railways, sectional conductor, mechanical closers	Apr. 30, 1895
522,834	Hopkinson, E.	Electric locomotives	July 10, 1894
533,196	Horn, H.	Lights, incandescent, special features	Jau. 29, 1895
523,401	Horry, W. S.	Systems of distribution	July 24, 1894
535,905	Horton and Jones	Dental instruments	Mar. 19, 1895
523,893	Houck, T. J.	Lights, arc, special features	July 31, 1894
535,541	Hough, A.	Batteries, secondary	Mar. 12, 1895
535,060	Houlgrave, C.	Magnetizing and demagnetizing	Mar. 5, 1895
533,596	House, H. A.	Electrolysis, aqueous bath	Feb. 5, 1895
522,956	Houston, E. J.	Systems of distribution	July 17, 1894
527,556	Houston, E. J.	Conductors	Oct. 16, 1894
528,672	Hovey, H. J.	Railway signals, track instruments	Nov. 6, 1894
524,635	Howe, F. F.	Telegraphy, transmitters	Aug. 14, 1894
531,155	Howe, F. F.	Telegraphy, relays and sounders	Dec. 18, 1894
528,635	Hoyt, A. H.	Special applications, electro-magnets	Nov. 6, 1894
532,559	Hoyt, A. H.	Galvanometers	Jan. 15, 1895
532,560	Hoyt, A. H.	do	Jan. 15, 1895
532,561	Hoyt, A. H.	do	Jan. 15, 1895
530,485	Hubbell, C. J.	Batteries, galvanic	Dec. 4, 1894
536,952	Hughes and Adams	Railways, systems, closed conduit	Apr. 2, 1895
541,233	Huguest, C. K.	Systems of distribution	June 18, 1895

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525,548	Humberston, W.	Alarms	Sept. 4, 1894
528,127	Hunter and Longh	Telegraphy, fire	Oct. 23, 1894
522,374	Hunter, R. M.	Railways, systems, multiple arc	July 3, 1894
523,317	Hunter, R. M.	Railways, systems, cirenits, multiple arc	July 17, 1894
524,025	Hunter, R. M.	Railways, systems, conduit	Aug. 7, 1894
528,778	Hunter, R. M.	Inductoriums, transformers, stationary	Nov. 6, 1894
540,668	Hunter, R. M.	Regulators, alternating	June 11, 1895
541,165	Hunter, R. M.	Electric locomotives, pivoted motors	June 18, 1895
535,010	Hunting, F. S.	Transmission of power	Mar. 5, 1895
541,615	Hunting, F. S.	Motors, transmission of power	June 25, 1895
527,989	Hussey, C. A.	Lights, sockets and keys	Oct. 23, 1894
522,597	Hutchinson, J.	do	July 10, 1894
522,564	Hutin and Leblanc	Telephones, systems	July 3, 1894
527,857	Hutin and Leblanc	Railways, converters	Oct. 23, 1894
529,650	Hutin and Leblanc	Magneto-electric, bipolar	Nov. 20, 1894
529,272	Hutin and Leblanc	Motors, alternating	Nov. 13, 1894
536,032	Hutin and Leblanc	do	Mar. 19, 1895
527,990	Idler, C. A.	Railways, pleasure railways	Oct. 23, 1894
539,431	Ingersoll, F. G.	Bells	May 21, 1895
531,635	Iske, A.	Insulators	Jan. 1, 1895
536,210	Jackson, W. E. M.	Recorders	Mar. 26, 1895
540,060	Jackson, W. E. M.	Railways, conductors supports and insulators	May 28, 1895
533,221	Jacobs, M. M.	Connectors	Jan. 29, 1895
524,172	Jacques, W. W.	Telephones, calls	Aug. 7, 1894
524,173	Jacques, W. W.	do	Aug. 7, 1894
535,247	Jacques, W. W.	Telephones, electric	Mar. 5, 1895
533,289	Jacques, W. W.	do	Mar. 5, 1895
524,636	Jaeger, C. L.	Inductoriums, induction coils	Aug. 14, 1894
524,981	Jahr, R. H.	Lights, arc, gravity feed, gear-clutch	Ang. 21, 1894
541,549	Jaskey and Else	Igniting devices, automatic	June 25, 1895
530,344	Jeffery and Jeffery	Motive power, dental instruments	Dec. 4, 1894
524,385	Jenkins, J. H.	Motors, hand-operating devices	Aug. 14, 1894
523,146	Jenney, C. D.	Railways, systems, closed conduit	July 17, 1894
539,870	Jennings, F. A.	Annunciators, step-by-step	May 28, 1895
532,666	Johnson, E. E.	Lights, incandescent, special features	Jan. 15, 1895
523,164	Johnson, E. H.	Railways, systems, closed conduit	July 17, 1894
523,165	Johnson, E. H.	do	July 17, 1894
523,166	Johnson, E. H.	do	July 17, 1894
537,118	Johnson, E. H.	Galvanometers	Apr. 9, 1895
524,386	Johnson, H. T.	Time checks	Aug. 14, 1894
524,387	Johnson, H. T.	Telephones, switches	Ang. 14, 1894
539,871	Johnson, H. T.	Batteries, galvanic	May 28, 1895
533,336	Johnson, L.	Lights, arc, special features	Mar. 5, 1895
522,836	Johnson, L. F.	Batteries, galvanic	July 10, 1894
522,837	Johnson, L. F.	Telegraphy, circuits and systems	July 10, 1894
527,605	Johnson, L. F.	Alarms	Oct. 16, 1894
523,284	Johnston, A. L.	Connectors	July 17, 1894
536,809	Jones, F. W.	Telephones, switch-boards	Apr. 2, 1895
536,530	Jordan, C. M.	Regulators, resistance	Mar. 26, 1895
534,158	Judge, C. L.	Alarms	Feb. 12, 1895
534,834	Julien, E.	Railways, systems, battery	Feb. 26, 1895
525,020	Jungen, E. W.	Telegraphy, relays and sounders	Ang. 28, 1894
532,157	Just, P. C.	Railways, systems, conduit	Jan. 8, 1895
528,881	Kahne, Adkins, Peirce, Martin and Kahne	Alarms	Nov. 6, 1894
530,895	Kaye, E.	Lights, incandescent	Dec. 11, 1894
530,184	Keeson, H. V.	Telegraphy, circuit closers	Dec. 4, 1894
540,742	Keely, P. F.	Lighting, systems, displays	Jnne 11, 1895
540,168	Keith and Lundquist	Telephones, systems, automatic	May 28, 1895
523,354	Keller, E. E.	Electric locomotives	July 24, 1894
522,344	Kelley, J. F.	Motors, alternating	July 3, 1894
522,345	Kelley, J. F.	do	July 3, 1894
522,988	Kelley, J. F.	Inductoriums, transformers, stationary	July 17, 1894
529,918	Kelley, J. F.	Magneto-electric, multipolar	Nov. 27, 1894
539,276	Kelly, T.	Telephones, switches	May 14, 1895
527,177	Kelsch, R. S.	Cut-outs, mechanical, sliding	Oct. 9, 1894
529,552	Kelsey, F. N.	Railways, systems, overhead, trolleys	Nov. 20, 1894
530,276	Kendt, W. F.	do	Dec. 4, 1894
522,327	Kester, J. F.	Lights, arc, gravity feed, gear-clutch	July 3, 1894
523,074	Kester, J. F.	Cnt-outs, mechanical	July 17, 1894
532,789	Ketcher, J. L.	Motors	Jan. 22, 1895
529,866	Keys, C. F.	Conductors, lightning rods	Nov. 27, 1894
529,197	King, F. L.	Railways, systems, closed condnit	Nov. 27, 1894
541,552	Kingdon, J. A.	Conductors, underground	June 25, 1895
533,130	Kingsley, W.	do	Jan. 29, 1895
523,723	Kinsman, F. E.	Railway signals, cahs, sectional rail	July 31, 1894
522,735	Kirkegaard, P.	Lights, arc, gravity feed, gear-clutch	July 10, 1894
539,622	Kirkegaard, P.	Lights, arc, special features	May 21, 1895

No.	NAME.	CLASS.	DATE.
537,161	Kirnan, W. H	Telegraphy, fire, variable signal, dial	Apr. 9, 1895
529,920	Klaffky and Faltinowsky	Railway signals, cab, sectional rail	Nov. 27, 1894
537,464	Kleber, O. L	Telegraphy, printing wheel	Apr. 16, 1895
531,437	Klein and Westbafer	Conductors, supports and insulators	Dec. 25, 1894
530,430	Klein, H	Telegraphy, circuit closers, thermal	Dec. 4, 1894
522,664	Kleinstenber and Kleinstenber	Conductors, underground	July 10, 1894
525,909	Klemm, G. F	Lights, incandescent, special features	Sept. 11, 1894
535,589	Knight, J. C	Lights, arc, gravity feed, gear-clutch	Mar. 12, 1895
523,668	Knight, W. H	Regulators	July 31, 1894
522,539	Knöfler, O	Electrolysis, aqueous bath, apparatus	July 10, 1894
538,919	Knowles, E. R	Batteries, secondary	May 7, 1895
538,423	Koenig and Mann	Connectors	Apr. 30, 1895
524,983	Kohn, M. M	Lighting system	Aug. 21, 1894
529,654	Konetshny, J. R	Lights, incandescent, special features	Nov. 20, 1894
539,555	Kraemer and Kruger	Rheostats	May 21, 1895
537,575	Krocker, H	Batteries, secondary	Apr. 16, 1895
541,098	Kroger, J	Railways, systems, overhead	June 18, 1895
530,432	Kuchenmeister, E	Batteries, secondary	Dec. 4, 1894
531,194	Kusel, D. A	Telephones, electric	Dec. 18, 1894
535,703	Lamb, R	Railways, systems, telepher	Mar. 12, 1895
527,066	Lamme, B. G	Lighting, systems, safety	Oct. 9, 1894
538,590	Langen, E	Railway signals, sectional rail	Apr. 30, 1895
530,951	La Pointe, Flanagan and Thompson	Conductors, underground	Dec. 18, 1894
528,949	Lare and Green	Railways, systems, overhead, trolleys	Nov. 13, 1894
522,527	Larson, C. W	Cut-outs, electro-magnetic	July 3, 1894
541,367	Lathrop, B. R	Medical and surgical, body-wear	June 18, 1895
522,528	Lattig, J. W	Railway signals, sectional rail	July 3, 1894
522,473	Lattig, J. W	do	July 3, 1894
538,971	Langlin, M. F	Medical and surgical, electrodes	May 7, 1895
536,581	Laurence, W	Railways, sectional conductors	Mar. 26, 1895
527,864	Lavens, E	Lights, arc, special features	Oct. 23, 1894
532,160	Law, M. D	Insulators	Jan. 8, 1895
532,161	Law, M. D	Railways, systems, conduit	Jan. 8, 1895
522,341	Lawlor, W. E. J	Body-wear	July 10, 1894
534,269	Lawrence, H. W	Cut-outs, mechanical	Feb. 19, 1895
538,838	Lawrence, W	Railways, systems, closed conduit	May 7, 1895
533,223	Lean, G. R	Lights, incandescent	Jan. 29, 1895
523,986	Lemp and Moody	Metal welding	Ang. 7, 1894
523,987	Lemp and Moody	do	Aug. 7, 1894
532,795	Lemp, H	Magneto-electric, armature and drum	Jan. 22, 1895
534,802	Lemp, H	Inductoiums, transformers, stationary	Feb. 26, 1895
536,511	Lemp, H	Cut-outs, electro-magnetic	Apr. 2, 1895
535,214	Leodetti, F. E	Railways, systems, closed conduit	Mar. 5, 1895
522,718	Leonard, H. W	Heaters, electric	July 10, 1894
525,082	Levy, M. Z	Telegraphy, railway, car	Aug. 28, 1894
532,796	Lewis, E. D	Railways, conductor supports and insulators	Jan. 22, 1895
538,023	Lewis, F. M	Lights, arc, gravity feed, gear-clutch	Apr. 23, 1895
526,565	Libbey, H. W	Telephones, magnetic	Oct. 2, 1894
536,689	Libbey, H. W	Batteries, galvanic	Apr. 2, 1895
522,844	Lieb, G. W	Railways, conductor supports and insulators	July 10, 1894
522,845	Lieb, G. W	Railways, systems, overhead, trolleys	July 10, 1894
535,592	Lillie, N. W	Conductors	Mar. 12, 1895
539,277	Lincoln, J. C	Motors	May 14, 1895
530,541	Lindstrom and Cummings	Motive power, elevators	Dec. 11, 1894
538,377	Lindstrom, N. O	Regulators, sectional windings	Apr. 30, 1895
523,724	Linton, G. E	Cut-outs, mechanical	July 31, 1894
532,468	Little, A. D	Electric lighting, filaments and carbons	Jan. 15, 1895
529,451	Loeben, G. A	Lights, incandescent, special features	Nov. 20, 1894
532,328	Locke, M. J	do	Jan. 8, 1895
528,640	Lockwood and Lockwood	Telephones, granular	Nov. 6, 1894
537,423	Long and Skaden	Electrolysis, aqueous bath, ores	Apr. 9, 1895
540,323	Loomis and Pierce	Electro-magnets	June 4, 1895
540,068	Loomis, D. W	Railway rolling stock, motors, equalizing levers	May 28, 1895
540,264	Lorrain, J. G	Telegraphy, fire alarms and extinguishers	June 4, 1895
526,016	Losch, J	Motors	Sept. 11, 1894
532,164	Love, J. C	Railways, conductor supports and insulators	Jan. 8, 1895
532,165	Love, J. C	Railways, systems, conduit	Jan. 8, 1895
532,166	Love, J. C	Railways, conductor supports and insulators	Jan. 8, 1895
532,167	Love, J. C	Railways, systems, conduits	Jan. 8, 1895
532,168	Love, J. C	Railways, conductor supports and insulators	Jan. 8, 1895
525,959	Lowd, M	Railways, systems	Nov. 13, 1894
529,127	Lowe, E. A	Connectors	Nov. 13, 1894
530,434	Lowe, J. H	Alarms, burglar, safe	Dec. 4, 1894
535,538	Lowe, W. S	Lights, incandescent	Mar. 19, 1895
539,184	Lucas, P	Railways, sectional conductors, mechanical closers	May 14, 1895

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11,471	Ludlow, S. W ----- (Reis.)	Telegraphy, fire, automatic-----	Feb. 12, 1895
527,150	Ludwig, J. C -----	Amalgamators, electric-----	Oct. 9, 1894
538,617	Lundell, R -----	Magneto-electric, brushes and holders-----	Apr. 30, 1895
528,960	Lungen, A -----	Clocks, electric-----	Nov. 13, 1894
524,467	Luscomb, H. H -----	Railways, conductor supports and insulators-----	Aug. 14, 1894
522,424	Mace, R -----	Insulators-----	July 3, 1894
524,066	Macfarlane, D -----	Conductors-----	Aug. 7, 1894
526,721	Macfarlane, D -----	do-----	Oct. 2, 1894
526,722	Macfarlane, D -----	do-----	Oct. 2, 1894
526,867	Macfarlane, D -----	Rheostats-----	Oct. 2, 1894
535,840	MacIntire, G. R -----	Lights, arc, positive feed, gear-clutch-----	Mar. 19, 1895
535,841	MacIntire, G. R -----	Lights, arc, positive feed, step, gear-clutch-----	Mar. 19, 1895
535,842	MacIntire, G. R -----	do-----	Mar. 19, 1895
531,441	Macloskie and Brinkerhoff -----	Railways, systems-----	Dec. 25, 1894
525,789	Mahone and Crane -----	Railways, systems, overhead, trolleys-----	Sept. 11, 1894
536,730	Mailoux, C. O -----	Elevators-----	Apr. 2, 1895
537,693	Malignani, A -----	Lights, incandescent-----	Apr. 16, 1895
541,243	Manger, F. W -----	Telegraphy, circuit closers-----	June 18, 1895
522,346	Mann, C. A -----	Telegraphy, circuit closers, thermal-----	July 3, 1894
530,191	Manning, C. E -----	Telegraphy, fire alarms and extinguishers-----	Dec. 4, 1894
527,436	Maquay, S. W -----	Batteries, galvanic-----	Oct. 16, 1894
529,559	Marsh, J. W -----	Telephones, conductors, anti-inductive-----	Nov. 20, 1894
539,068	Martin, M -----	Telephones, magnetic-----	May 14, 1895
530,192	Mason, D -----	Railways, systems, conduit-----	Dec. 4, 1894
530,543	Mason, D -----	do-----	Dec. 11, 1894
532,979	Mason, W. A -----	Telephones, multiple, electrode-----	Jan. 22, 1895
540,325	Mather, A. L -----	Railways, systems, overhead-----	June 4, 1895
528,963	Mathers, E. E -----	Railways, systems, closed conduit-----	Nov. 13, 1894
526,723	Mathias and Hartman -----	Igniting devices, manual-----	Oct. 2, 1894
527,211	Mayer, M -----	Lights, arc, gravity feed-----	Oct. 9, 1894
522,915	McBean, A. S -----	Railways, systems, overhead, trolleys-----	July 10, 1894
524,684	McCarthy, L -----	Railways, conductor supports and insulators-----	Aug. 14, 1894
530,706	McCarthy, L -----	Insulators-----	Dec. 11, 1894
531,423	McCarthy, L -----	do-----	Dec. 23, 1894
532,576	McClintock and McLane -----	Railways, systems, closed conduit-----	Jan. 15, 1895
527,214	McCoubrey, T -----	Telephones, granular-----	Oct. 9, 1894
533,739	McCoubrey, T -----	do-----	Feb. 5, 1895
524,343	McCracken, E. D -----	Conductors-----	Aug. 14, 1894
522,999	McCulloch, A. H -----	Connectors-----	July 17, 1894
539,142	McDaniel, C. W -----	Telephones, systems, intermediate sub-station-----	May 14, 1895
528,678	McDonnell, M -----	Horology, time alarms-----	Nov. 6, 1894
538,975	McDonough, J. W -----	Telephones, systems, automatic-----	May 7, 1895
537,474	McDougall, W. M -----	Batteries, secondary-----	Apr. 16, 1895
535,069	McElroy and Bayley -----	Lighting, systems-----	Mar. 5, 1895
525,353	McElroy, J. F -----	Magneto-electric, multipolar-----	Sept. 4, 1894
525,354	McElroy, J. F -----	System of distribution-----	Sept. 4, 1894
525,390	McElroy, J. F -----	Magneto-electric, uniform field-----	Sept. 4, 1894
525,769	McElroy, J. F -----	System of distribution-----	Sept. 11, 1894
536,816	McElroy, J. F -----	do-----	Apr. 2, 1895
536,963	McElroy, J. F -----	Magneto-electric, bipolar-----	Apr. 2, 1895
536,153	McEvoy, C. H -----	Connectors-----	Mar. 19, 1895
524,808	McEvoy, E. J -----	Cut-outs, mechanical, oscillating snap-----	Aug. 21, 1894
11,433	McKeown, J. B ----- (Reis.)	Lights, arc, gravity feed, clutch-----	July 31, 1894
540,557	McKim, J -----	Regulators, alternating-----	June 4, 1895
527,501	McLaughlin, J. F -----	Cut-outs, thermal-----	Oct. 16, 1894
527,873	McLanglin, J. F -----	Railways, systems, closed conduit-----	Oct. 23, 1894
527,874	McLaughlin, J. F -----	do-----	Oct. 23, 1894
528,014	McLaughlin, J. F -----	Cut-outs, mechanical, rotary-----	Oct. 23, 1894
528,379	McLaughlin, J. F -----	Railways, systems, closed conduit-----	Oct. 30, 1894
535,993	McLaughlin, J. F -----	Railways, sectional conductors-----	Mar. 19, 1895
537,706	McLaughlin, J. F -----	Railways, sectional conductors, magnetic closers-----	Apr. 16, 1895
541,380	McLaughlin, J. F -----	Magneto-electric, armatures, ring-----	June 18, 1895
538,786	McLean and Kornetzke -----	Railways, systems, conduit-----	May 7, 1895
530,235	McLeod, J. N -----	Magneto-electric-----	Dec. 4, 1894
524,282	McTighe, J -----	Railways, conductor supports and insulators-----	Aug. 7, 1894
540,398	Meek, J. E -----	Heaters, electric-----	June 4, 1895
523,798	Mehren, J. F -----	Telegraphy, fire-----	Jnly 31, 1894
525,410	Mellen and Goldsmith -----	Motors-----	Oct. 30, 1894
531,549	Melott, C. B -----	Generation, regulators-----	Jan. 1, 1895
537,696	Mensing, L. C. H -----	Lights, arc, gravity feed, gear-clutch-----	Apr. 16, 1895
539,437	Mercadier, E. J. P -----	Telephones, electric-----	May 21, 1895
524,044	Merritt and Roe -----	Motors, reciprocating-----	Aug. 7, 1894
537,058	Merritt, C. A -----	Lights, incandescent, stopper-----	Apr. 9, 1895
529,398	Mershon, R. D -----	Galvanometers-----	Nov. 20, 1894
529,399	Mershon, R. D -----	do-----	Nov. 20, 1894

No.	NAME.	CLASS.	DATE.
526,083	Meston, A. W.	Motors	Sept. 18, 1894
530,597	Meston, A. W.	Inductoariums, transformers, stationary	Dec. 11, 1894
526,725	Metzger, A.	Cut-outs, mechanical rotary	Oct. 2, 1894
533,910	Metzger, A.	Connectors	Feb. 12, 1895
537,538	Metzger, A.	Cut-outs, mechanical	Apr. 16, 1895
537,539	Metzger, A.	Cut-outs, mechanical, oscillating snap	Apr. 16, 1895
530,954	Meyer and Meyer	Railways, systems, overhead trolleys	Dec. 18, 1894
538,454	Meyer, A. F. M.	Telephones, switches	Apr. 30, 1895
535,917	Meyer, A. F. W.	Induction coils	Mar. 19, 1895
522,349	Meyer, J.	Connectors	July 3, 1894
522,690	Meyer, M. P.	Lights, sockets and keys	July 10, 1894
539,529	Miller and Miller	Railway signals, cab, sectional rail	May 21, 1895
536,221	Miller, C. J.	Cut-outs, mechanical, oscillating snaps	Mar. 26, 1895
532,003	Miller, G. E.	Railway signals, cab, sectional rail	Jan. 1, 1895
531,380	Milloy, P. D.	Railways, systems, overhead trolleys	Dec. 25, 1894
530,956	Mitchell, A. W.	Electric locomotives	Dec. 18, 1894
528,907	Mitchell, R. C.	Rheostats	Nov. 6, 1894
528,908	Mitchell, R. C.	do	Nov. 6, 1894
530,114	Moderegger, C.	Motors	Dec. 4, 1894
541,491	Möhrle, J.	Lights, incandescent	June 25, 1895
524,785	Mouroe, M. B.	Motors, hand-operating devices	Aug. 21, 1894
535,067	Montagner, J.	Indicators, station	Mar. 5, 1895
525,301	Moutgomery, A. F.	Conductors	Oct. 30, 1894
537,541	Moody, W. S.	Regulators, alternating	Apr. 16, 1895
539,876	Moody, W. S.	Inductoariums, transformers, stationary	May 28, 1895
541,286	Moore and Megarvey	Conductors	June 18, 1895
523,586	Moore, J. W.	Regulators	July 24, 1894
530,115	Morehouse, M. A.	Telephones, electric	Dec. 4, 1894
536,439	Morgan, E. C.	Magneto-electric, armature, rings	Mar. 26, 1895
537,644	Morris, R. H.	Telegraphy, duplex	Apr. 16, 1895
522,479	Morrison, W.	Batteries, secondary	July 3, 1894
527,559	Moses, A. H.	Lights, arc, special features	Oct. 16, 1894
538,457	Mosher, J. A.	Lights, arc, gravity feed clutch	Apr. 30, 1895
539,877	Mosher, J. A.	Lights, arc, gravity feed, gear-clutch	May 28, 1895
525,992	Moskowitz, M.	Lighting, systems, car	Sept. 11, 1894
525,993	Moskowitz, M.	Regulators	Sept. 11, 1894
531,421	Moskowitz, M.	Lighting, systems, car	Dec. 25, 1894
537,989	Moskowitz, M.	Batteries, secondary	Apr. 23, 1895
533,913	Mount, F. W.	Lighting, ceiling blocks	Feb. 12, 1895
531,445	Moxham, A. J.	Connectors	Dec. 25, 1894
530,957	Mullinex, E. E.	Telegraphy, transmitters	Dec. 18, 1894
531,422	Murphy, E. J.	Lights, arc, gravity feed, gear-clutch	Dec. 25, 1894
534,613	Murphy, M. T.	Railways, systems, overhead	Feb. 19, 1895
535,294	Murphy, P.	Railways, systems, closed conduit	Mar. 5, 1895
529,563	Murray, A.	Lighting system, car	Nov. 20, 1894
524,947	Murray, A. B.	Railway signals, cab, sectional rail	Aug. 21, 1894
528,458	Myers, L. E.	Connectors	Apr. 30, 1895
522,302	Nashold, E.	Insulators	July 3, 1894
539,636	Nellie and Weisser	Telephones, details	May 21, 1895
539,234	Neu, G. S.	Telegraphy, fire alarms and extinguishers	May 14, 1895
531,383	Newhouse, G. A.	Railways, systems, overhead trolleys	Dec. 25, 1894
529,938	Newlyn, R. A.	Alarums, burglar, safe	Nov. 27, 1894
539,484	Newton, Purbrook and Hudson	Medical and surgical, body-wear	May 21, 1895
532,477	Nichols and Fraser	Railways, systems, overhead, trolleys	Jan. 15, 1895
523,172	Nichols and Lincoln	Railways, systems, overhead	July 17, 1894
525,785	Nichols and Lincoln	Connectors	Nov. 6, 1894
529,406	Nichols and Lincoln	Railways, systems, conduit	Nov. 20, 1894
525,806	Nissl, F.	Telephones, systems, automatic	Mar. 12, 1895
532,391	Nortney and Schefold	Lights, arc, special features	Jau. 8, 1895
537,124	Nonry, R.	Steering and propulsion	Apr. 9, 1895
530,236	Noyes, B. J.	Telegraphy, fire	Dec. 4, 1894
533,014	Noyes, B. J.	do	Jan. 22, 1895
534,908	Noyes, B. J.	Telegraphy, fire, variable signal, dial	Feb. 26, 1895
539,701	Noyes, B. J.	do	May 21, 1895
536,095	O'Connell, J. J.	Telegraphy, lightning arresters	Mar. 19, 1895
539,079	Oehring, A. J.	Telegraphy, circuit closers	May 14, 1895
540,216	Oelschlaegen, E. G. P.	Systems of distribution	May 28, 1895
535,398	O'Flaherty, D.	Railways, systems, closed conduit	Mar. 12, 1895
522,650	Okun, M. S.	Lights, arc, gravity feed, clutch	July 10, 1894
523,865	O'Neill, G. A.	Lighting, systems, test	July 31, 1894
523,607	O'Neill, H. G.	Conductors	Feb. 5, 1895
538,271	O'Neill, H. G.	Furnaces, electric	Apr. 30, 1895
538,272	O'Neill, H. G.	Special applications, igniting devices, manual	Apr. 30, 1895
529,300	O'Neill, J.	Telegraphy, automatic	Nov. 13, 1894
531,354	O'Neill, J. J.	Telegraphy, transmitters	Jan. 1, 1895
530,122	Ongley, C. E.	Indicators	Dec. 4, 1894

NO.	NAME.	CLASS.	DATE.
537,932	Oram, J. M.	Alarms, burglar	Apr. 23, 1895
531,214	Oreutt, E. L.	Railway signals, cab, sectional rail	Dec. 18, 1894
528,685	Osboru, A. S	Railways, systems, overhead, trolleys	Nov. 6, 1894
526,498	Osyor, D. N	Insulators	Sept. 25, 1894
526,580	Osyor, D. N	Railways, systems, overhead, trolleys	Sept. 25, 1894
538,083	Osyor, D. N	Connectors	Apr. 23, 1895
533,078	O'Toole, R.	Batteries, galvauic	Jan. 29, 1895
527,070	Packard, J. W.	Iuductoriums, transformers, stationary	Oct. 9, 1894
527,071	Packard, J. W.	Cut-outs, thermal	Oct. 9, 1894
532,812	Paine, B. O.	Railways, systems, overhead trolleys	Jan. 22, 1895
537,480	Painter, G. E.	Magneto-electric, commutators and collectors	Apr. 16, 1895
531,424	Palmer, A. H.	Telephones, switchboards	Dec. 25, 1894
528,021	Parfitt and Parfitt	Lighting, systems	Oct. 23, 1894
538,844	Parker and Trepagnier	Railways, systems, overhead	May 7, 1895
536,478	Parker, H. C.	Galvauometers	Mar. 26, 1895
537,228	Parkinson, Springfield and Mills	Cut-outs, hanger	Apr. 9, 1895
540,800	Parmly, S. P.	Lights, arc, special features	June 11, 1895
532,009	Parrish, H. A.	Railway signals	Jan. 1, 1895
522,670	Parrish, M. W.	Railway signals, block	July 10, 1894
539,293	Parshall and Darley	Motors, hand-operating devices	May 14, 1895
523,776	Parshall, H. F.	Magneto-electric	July 31, 1894
534,078	Parshall, H. F.	Motors, hand operating devices	Feh. 12, 1895
534,079	Parshall, H. F.	Magneto-electric, multipolar	Feh. 12, 1895
534,259	Parute, P.	Electrolysis, aqueous hath	Feb. 19, 1895
541,332	Patterson, J. M.	Insulators	June 18, 1895
540,185	Payet, C.	Batteries, secondary	May 28, 1895
533,490	Payne and Thompson	Telegraphy, fire, noninterfering	Feh. 5, 1895
540,456	Pearce, F.	Motors	June 4, 1895
526,736	Pearson, F. S.	Telegraphy, lightning arresters	Oct. 2, 1894
537,354	Pease, J.	Magneto-electric	Apr. 9, 1895
527,285	Peck, L. R.	Lights, soekets, and keys	Oct. 9, 1894
522,851	Peiree, A. W. K.	Motors, hand-operating devices	July 10, 1894
524,116	Pendleton, W. S.	Lights, arc, positive feed, step gear-clutch	Aug. 7, 1894
538,344	Penn and Lowndes	Magneto-electric, armatures, ring	Apr. 30, 1895
534,281	Penlock, G. B.	Lighting, systems	Feb. 19, 1895
532,814	Penton, Gartland and Casserly	Telegraphy, lightning arresters	Jan. 22, 1895
541,497	Perkins, F. B.	Elevators	June 25, 1895
522,388	Perriu, F. S.	Railways, systems, overhead	July 3, 1894
528,561	Perry, J. W.	Railways, conductors supports and insulators	Nov. 6, 1894
539,881	Persson and Thomson	Magneto-electric, armature, drum	May 28, 1895
534,662	Peterson, H. A. F.	Railways, systems, closed conduit	Feb. 26, 1895
534,663	Peterson, H. A. F.	do	Feb. 26, 1895
540,187	Peterson, H. A. F.	do	May 28, 1895
523,371	Peyrusou, A. E.	Batteries, secondary	July 24, 1894
531,698	Pfluger, C. A.	Lights, arc, gravity feed, clutch	Jan. 1, 1895
537,617	Pfluger, C. A.	Lights, arc, gravity feed	Apr. 16, 1895
539,392	Pfluger, C. A.	Lights, arc, positive feed	May 14, 1895
539,393	Pfluger, C. A.	Lights, arc, gravity feed, gear-clutch	May 14, 1895
540,333	Pfluger, C. A.	Lights, arc, special features	June 4, 1895
541,179	Pfluger, C. A.	Lights, arc, positive feed	June 18, 1895
526,408	Pfouts, L. S.	Railways, systems, overhead	Sept. 25, 1894
526,409	Pfouts, L. S.	do	Sept. 25, 1894
529,949	Phillips, W. A.	Railway signals, cab, sectional rail	Nov. 27, 1894
527,861	Pieard and Thame	Batteries, secondary	Oct. 23, 1894
534,373	Pickerell, F. A.	Telephones, systems, divided central	Feb. 19, 1895
534,374	Pieper and Pieper	Motive power, dental instruments	Feb. 19, 1895
541,500	Pieper and Pieper	Motors, hand-operating devices	June 25, 1895
530,717	Platt, E. T.	Magneto-electric, hrushes and holders	Dec. 11, 1894
538,979	Platt, J.	Tempering and annealing	May 7, 1895
533,318	Pohlman, W. J.	Motors, hand-operating devices	Jan. 29, 1895
527,023	Pole, B. C.	Motors	Oct. 2, 1894
527,393	Polk, R. H.	Telephoues, systems, multiple switch board, test	Oct. 9, 1894
537,715	Poole, A. D.	Cut-outs, hauger	Apr. 16, 1895
538,345	Portex, E. H.	Magneto-electric, multipolar	Apr. 30, 1895
523,995	Porter, H. B.	Motors	Aug. 7, 1894
539,298	Porter, J. Y.	Railway signals, cab, sectional rail	May 14, 1895
528,740	Poston, E. M.	Batteries, secondary	Nov. 6, 1894
529,461	Potter, H. N.	Galvanometers	Nov. 20, 1894
535,077	Potter, H. N.	Cut-outs, mechaical, sliding	Mar. 5, 1895
524,396	Potter, W. B.	Motors, hand-operating devices	Aug. 14, 1894
527,075	Potter, W. B.	Connecting devices	Oct. 9, 1894
532,905	Potter, W. B.	Railways, condactor supports and insulators	Jan. 22, 1895
533,083	Potter, W. B.	Lighting, systems	Jan. 29, 1895
537,358	Powell and Hall	Lighting, systems, secondary hattery	Apr. 9, 1895
531,331	Powell, C. E.	Railways, systems, overhead trolleys	Dec. 25, 1894

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529,836	Pressley, T. C.	Railways, systems, closed conduit	Nov. 27, 1894
536,481	Price, J. D.	Telephones, switches	Mar. 26, 1895
534,405	Price, J. D.	Telephones, calls	Feb. 19, 1895
533,920	Priest, E. D.	Motors, hand-operating devices	Feb. 12, 1895
538,281	Priest, E. D.	Magneto-electric, brushes and holders	Apr. 30, 1895
531,005	Priestly, F. C.	Inductoiums, transformers, stationary	Dec. 18, 1894
524,953	Raab, C. D.	Meters	Ang. 21, 1894
540,404	Radcliffe, H.	Lights, arc, special features	June 4, 1895
538,744	Rae, F. B.	Regulators, sectional, winding	May 7, 1895
539,778	Rae, F. B.	Regulators, resistances	May 21, 1895
540,687	Randall, F. S.	Conductors	June 11, 1895
526,502	Rau, O. M.	Cut-outs, thermal	Sept. 25, 1894
527,127	Ranch, G.	Magneto-electric, brushes and bolders	Oct. 9, 1894
528,647	Reed, C. J.	Batteries, secondary	Nov. 6, 1894
528,648	Reed, C. J.	do	Nov. 6, 1894
530,651	Reed, C. J.	Connectors	Dec. 11, 1894
536,967	Reichel, E. B. W.	Railways, systems, overhead trolleys	Apr. 2, 1895
522,915	Reiff and Munk	Igniting devices	July 10, 1894
523,685	Reist, H. G.	Magneto-electric	July 31, 1894
526,742	Reist, H. G.	do	Oct. 2, 1894
526,743	Reist, H. G.	do	Oct. 2, 1894
533,084	Reist, H. G.	do	Jan. 29, 1895
538,700	Reynolds, G. H.	Conductors, elevators	May 7, 1895
524,117	Rice, E. W.	Electric locomotives	Aug. 7, 1894
537,549	Rice, E. W.	Systems of distribution	Apr. 16, 1895
539,446	Rice, E. W.	Lighting, systems	May 21, 1895
523,779	Rice, E. W., jr.	Regulators, alternating	July 31, 1894
539,086	Rice, R. F.	Telephones, electric	May 14, 1895
536,655	Richards, W. L.	Connectors	Apr. 2, 1895
532,095	Richardson, A. W.	Lights, arc, gravity feed, gear-clutch	Jan. 8, 1895
537,994	Richardson, C. H.	Regulators, resistance	Apr. 23, 1895
530,798	Richardson, J. V.	Railway signals, cab, sectional rail	Dec. 11, 1894
525,864	Rider, H. E.	Railways, systems, condnit	Sept. 11, 1894
532,185	Rietb, P.	Connectors	Jan. 8, 1895
539,825	Rietb, P.	do	May 28, 1895
522,614	Roberts, I. L.	Electrolysis, aqueous bath, apparatus	July 10, 1894
522,615	Roberts, I. L.	Electrolysis, aqueous bath, chemicals	July 10, 1894
522,616	Roberts, I. L.	do	July 10, 1894
522,617	Roberts, I. L.	do	July 10, 1894
522,618	Roberts, I. L.	do	July 10, 1894
522,619	Roberts, I. L.	do	July 10, 1894
537,555	Roberts, J. H.	Elevators	Apr. 23, 1895
537,856	Roberts, J. H.	do	Apr. 23, 1895
536,705	Robeson, W. B.	Telephones, supports	Apr. 2, 1895
529,411	Robinson, J.	Conductors	Nov. 20, 1894
529,412	Robinson, J.	do	Nov. 20, 1894
529,413	Robinson, J.	do	Nov. 20, 1894
537,857	Robinson, W.	Electric locomotives	Apr. 23, 1895
525,563	Rockoff, A.	Cut-outs, thermal, plng	Sept. 4, 1894
525,564	Rockoff, A.	Lights, arc, special features	Sept. 4, 1894
539,192	Rodriguez and Rockwell	Lights, incandescent, special features	May 14, 1895
527,126	Roffand, N. G.	Electric locomotives	Oct. 9, 1894
524,118	Rogers, J. H.	Cut-outs, thermal, plng	Ang. 7, 1894
539,369	Rogers, J. H.	Telegraphy, printing	May 14, 1895
534,670	Rolfe, C. A.	Telegraphy, multiplex	Feb. 26, 1895
534,671	Rolfe, C. A.	Telephones, systems	Feb. 26, 1895
534,970	Rolfe, C. A.	do	Feb. 26, 1895
538,294	Rolfe, C. A.	Cut-outs, thermal	Apr. 30, 1895
525,743	Roney, A. B.	Lights, arc, gravity feed	Sept. 11, 1894
534,971	Rooney, H. F.	Lights, incandescent	Feb. 26, 1895
541,121	Rose, G. F.	Lights, sockets and keys	June 18, 1895
533,610	Rosenholz, A.	Railways, systems, closed conduit	Feb. 5, 1895
534,519	Rosenholz, A.	do	Feb. 19, 1895
535,297	Roseuholtz, A.	do	Mar. 5, 1895
522,431	Ross, J. J.	Railway signals, sectional rail	July 3, 1894
523,946	Rothenberger, D. M.	Alarms, burglar	July 31, 1894
532,101	Rothenberger, D. M.	Insulators	Jan. 8, 1895
537,718	Rothenberger, D. M.	do	Apr. 16, 1895
531,970	Rowand, H. A.	Galvanometers	Jan. 1, 1895
527,375	Rowand, L. G.	Telegraphy, circuit closers, thermal	Oct. 9, 1894
535,998	Ruete, W. T.	Conductors, undergrond	Mar. 19, 1895
540,691	Ruete, W. T.	do	June 11, 1895
541,290	Rusbmore, S. W.	Lighting systems, automatic regulation	June 18, 1895
526,583	Ryder, M. P.	Regulators	Sept. 25, 1894
541,505	Rymer, W.	Indicators	June 25, 1895
531,650	Sabin and Hampton	Telephones, systems, divided central	Jan. 1, 1895
533,142	Sabin and Hampton	Telephones,systems,intermediate substation	Jan. 29, 1895

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529,465	Sabin, J. S	Telephones, calls, step by step	Nov. 20, 1894
538,351	Sabin, L. M.	Motors, reciprocating	Apr. 30, 1895
522,231	Sachs, J.	Telegraphy, fire	July 3, 1894
522,232	Sachs, J.	Cut-outs, thermal	July 3, 1894
531,651	Sallada, C. H.	Railway signals, cab, sectional rail	Jan. 1, 1895
526,414	Salmon, W. W.	Railway signals, sectional rail	Sept. 25, 1894
526,415	Salmon, W. W.	do	Sept. 25, 1894
535,751	Salom, P. G.	Batteries, secondary	Feb. 5, 1895
529,313	Savage, C. G.	Special applications, igniting devices	Nov. 13, 1894
524,119	Sayers, W. B.	Magneto-electric, bipolar	Aug. 7, 1894
535,464	Schaeffer, H. N. F.	Batteries, galvanic	Mar. 12, 1895
522,672	Scheeffer, G. A.	Meters	Dec. 4, 1894
530,351	Scheeffer, G. A.	do	July 10, 1894
522,621	Scheibauer, R.	Lighting, systems	Jnly 10, 1894
532,103	Schefold and Nortney	Lights, arc, special features	Jan. 8, 1895
532,588	Schindler Jenny, F. W.	Connectors	Jan. 15, 1895
524,911	Schneider, F. F.	Inductoariums, induction coils	Aug. 21, 1894
536,319	Schneller and Wisse	Inductoariums, transformers, stationary	Mar. 26, 1895
532,826	Schoenmehl, C. B.	Batteries, galvanic	Jan. 22, 1895
532,291	Scholes and Myers	Alarms, burglar	Jan. 8, 1895
538,289	Schrewsbury and Dobell	Lights, filaments and carbons	Apr. 30, 1895
527,294	Schrimer, A. F.	Railways, systems	Oct. 9, 1894
522,233	Schweitzer, A.	Lights, arc, gravity feed, gear-clutch	July 3, 1894
531,751	Schweitzer, A.	Lights, arc, special features	Jan. 1, 1895
525,866	Schwenke, P.	Railway signals	Sept. 11, 1894
530,286	Schwieger, H.	Railways, systems, closed conduits	Dec. 4, 1894
532,594	Scott and Davis	Cut-outs, mechanical	Jan. 15, 1895
541,459	Scott and Davis	Cut-outs, thermal	June 25, 1895
532,593	Scott, C. F.	Railways, systems, converters	Jan. 15, 1895
529,630	Scott, G. A.	Telegraphy, printing wheel	Nov. 20, 1894
529,085	Scott, G. J.	Motors, alternating	Nov. 13, 1894
538,390	Scott, W. R.	Railways, conductors supports and insulators	Apr. 30, 1895
538,391	Scott, W. R.	do	Apr. 30, 1895
540,761	Scott, W. W.	Telephones, details	June 11, 1895
522,274	Scribner, C. E.	Regulators	July 3, 1894
522,275	Scribner, C. E.	do	July 3, 1894
523,132	Scribner, C. E.	Telephones, systems	Jnly 17, 1894
529,421	Scribner, C. E.	do	Nov. 20, 1894
531,978	Scribner, C. E.	Lights, arc, gravity feed, clutch	Jan. 1, 1895
533,146	Scribner, C. E.	Telephones, systems, central	Jan. 29, 1895
533,147	Scribner, C. E.	do	Jan. 29, 1895
533,148	Scribner, C. E.	do	Jan. 29, 1895
524,533	See and Tyler	Magneto-electric, bipolar	Ang. 14, 1894
531,070	See and Tyler	Motors, hand-operating devices	Dec. 18, 1894
525,670	Segade and Regan	Condutors, underground	Sept. 4, 1894
528,184	Segerdahl, R.	Lights, arc, special featnres	Oct. 30, 1894
540,367	Segerdahl, R.	Bells	Jnne 4, 1895
528,566	Seitzniger, H. M.	Telegraphy, fire	Nov. 6, 1894
529,811	Selden and Patenall	Railway signals, sectional rail	Nov. 27, 1894
529,812	Selden and Patenall	do	Nov. 27, 1894
536,547	Selden, C.	Railway signals, block	Mar. 26, 1895
529,203	Serdniko, J.	Magneto-electric, multipolar	Nov. 13, 1894
536,763	Serdniko, J.	Telephones, magnetic	Apr. 2, 1895
527,377	Severy, M. S.	Batteries, thermal	Oct. 9, 1894
527,378	Severy, M. S.	do	Oct. 9, 1894
527,379	Severy, M. S.	do	Oct. 9, 1894
525,290	Seymour, W. F.	Railway signals, sectional rail	Aug. 28, 1894
531,866	Shallenberger, O. B.	Meters	Jan. 1, 1895
531,867	Shallenberger, O. B.	do	Jan. 1, 1895
531,868	Shallenberger, O. B.	Galvanometers	Jan. 1, 1895
531,869	Shallenberger, O. B.	Meters	Jan. 1, 1895
531,870	Shallenberger, O. B.	Galvanometers	Jan. 1, 1895
524,793	Shaw, A. J.	Magneto-electric	Aug. 21, 1894
527,730	Shaw, A. J.	Rheostats	Oct. 16, 1894
528,615	Shaw, A. J.	Motors	Nov. 6, 1894
528,620	Shaw, A. J.	Elevators	Nov. 6, 1894
528,893	Shaw, A. J.	Rheostats	Nov. 6, 1894
528,894	Shaw, A. J.	do	Nov. 6, 1894
534,699	Shaw, A. J.	do	Feb. 26, 1895
535,027	Shaw, A. J.	Motors, hand-operating devices	Mar. 5, 1895
533,967	Shea, C. A.	Telegraphy, circuits and systems	Feb. 12, 1895
534,083	Shea, C. A.	Telegraphy, anti-induction devices	Feb. 12, 1895
534,084	Shea, C. A.	Telegraphy, circuits and systems	Feb. 12, 1895
534,085	Shea, C. A.	Telegraphy, anti-indnction devices	Feb. 12, 1895
535,299	Shea, C. A.	Telegraphy, cirents and systems	Mar. 5, 1895
524,615	Shehan, J. F.	Regulators	Aug. 14, 1894
530,727	Shelton, F. W.	Rheostats	Dec. 11, 1894

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540,463	Sheperd, G. W.	Igniting devices, manual	June 4, 1895
539,150	Sheppard, W. H.	Lights, incandescent	May 14, 1895
531,573	Shobe and Embley	Railways, closed conduit	Jan. 1, 1895
540,029	Short, S. H.	Electric locomotives	May 28, 1895
522,559	Shugg, J. H.	Magneto-electric, armature, drum	July 10, 1894
523,055	Silvey, W. L.	Batteries, secondary	July 17, 1894
524,407	Silvey, W. L.	Motors	Aug. 14, 1894
524,843	Silvey, W. L.	Batteries, secondary	Aug. 21, 1894
538,628	Silvey, W. L.	do	Apr. 30, 1895
540,076	Silvey, W. L.	do	May 28, 1895
534,454	Simon, W.	Railways, systems, conduit	Feb. 19, 1895
538,603	Simpson, H.	Conductors, lightning rods	Apr. 30, 1895
525,291	Slater, J.	Telegraphy, circuit closers	Aug. 28, 1894
527,298	Smith and Geer	Batteries, galvanic	Oct. 9, 1894
533,502	Smith and Vandegrift	Lights, incandescent	Feb. 5, 1895
541,338	Smith, A. J.	Railways, systems, closed conduit	June 18, 1895
541,460	Smith, A. W.	Lights, arc, gravity feed, clutch	June 25, 1895
522,276	Smith, A. W.	do	July 3, 1894
529,759	Smith, D. W.	Railway signals, sectional rail	Nov. 27, 1894
541,019	Smith, D. W.	Railways, conductor supports and insulators	June 11, 1895
541,020	Smith, D. W.	Railways, systems, conduit	June 11, 1895
537,860	Smith, F. O.	Annunciators, time	Apr. 23, 1895
524,844	Smith, H.	Lighting systems, test	Aug. 21, 1894
534,288	Smith, H. J.	Maguetto-electric	Feb. 19, 1895
538,357	Smith, J. F.	Railways, systems, conduit	Apr. 30, 1895
526,982	Smith, J. P.	Magneto-electric	Oct. 2, 1894
525,293	Smith, W. F.	Cut-outs, thermal	Aug. 28, 1894
537,907	Snow, E. A.	Lighting, ceiling block	Apr. 23, 1895
536,764	Snow, F. P.	Railway signals, block system	Apr. 2, 1895
533,398	Snowden and Ives	Railway signals, cab, sectional rail	Jan. 29, 1895
536,792	Soden, F. H.	Lights, sockets and keys	Apr. 2, 1895
525,235	Solomon, J. I.	Batteries, galvanic	Aug. 28, 1894
534,528	Soun, A. L.	Medical and surgical, combs and brushes	Feb. 19, 1895
534,529	Soun, A. L.	do	Feb. 19, 1895
530,804	Spangenberg, H. K.	Lighting systems, hand regulation	Dec. 11, 1894
524,120	Speare, A. J.	Medical and surgical electrode	Aug. 7, 1894
528,040	Spencer, T.	Telephones, systems, multiple switch board, divided central	Oct. 23, 1894
532,605	Spencer, T.	Annunciators, drop	Jan. 15, 1895
534,086	Spencer, T.	Lights, arc, gravity feed, gear-clutch	Feb. 12, 1895
536,104	Spencer, T.	Annunciators, drop	Mar. 19, 1895
540,117	Spence, T.	Telephones, switch-boards	May 28, 1895
525,394	Sperry, E. A.	Motors, hand-operating devices	Sept. 4, 1894
525,395	Sperry, E. A.	do	Sept. 4, 1894
534,974	Sperry, E. A.	Railway brakes	Feb. 26, 1895
534,975	Sperry, E. A.	Railway brakes, magnetic clutch, winding drums	Feb. 26, 1895
534,977	Sperry, E. A.	Railway brakes, magnetic shoe	Feb. 26, 1895
537,130	Sperry, E. A.	Cnt-onts, mechanical	Apr. 9, 1895
535,304	Sperry, E. A.	Electric locomotives	Mar. 5, 1895
535,511	Sperry, E. A.	Motors, hand-operating devices	Mar. 12, 1895
535,179	Spiro, C.	Telegraphy, printing	Mar. 5, 1895
536,766	Spiro, C.	do	Apr. 2, 1895
533,241	Stafford, W. A.	Alarms	Jan. 29, 1895
528,155	Stanley and Braddell	Cut-outs, electro-magnetic	Oct. 30, 1894
533,233	Stanley, W.	Systems of distribution	Jan. 29, 1895
522,356	Stanley, W., jr.	Motors	July 3, 1894
524,534	Stanley, W., jr.	Motors, alternating	Aug. 14, 1894
534,485	Stansberry and Bettinger	Alarms	Feb. 19, 1895
528,494	Stearns, W. E.	Railways, systems, closed conduit	Oct. 30, 1894
526,644	Stebbins, T.	Lighting systems, test	Sept. 25, 1894
540,583	Steinbach, W. E.	Railways, systems, overhead, trolleys	June 11, 1895
522,277	Steiner, J.	Alarms, burglar	July 3, 1894
533,244	Steinmetz, C. P.	Systems of distribution	Jan. 29, 1895
533,245	Steinmetz, C. P.	Motors, alternating	Jan. 29, 1895
533,246	Steinmetz, C. P.	Magneto-electric, armatures, drum	Jan. 29, 1895
533,247	Steinmetz, C. P.	Systems of distribution	Jan. 29, 1895
533,248	Steinmetz, C. P.	do	Jan. 29, 1895
533,249	Steinmetz, C. P.	Motors, alternating	Jan. 29, 1895
533,250	Steinmetz, C. P.	do	Jan. 29, 1895
533,378	Steinmetz, C. P.	Motors, transmission of power	Jan. 29, 1895
533,379	Steinmetz, C. P.	do	Jan. 29, 1895
539,452	Steinmetz, C. P.	Meters	May 21, 1895
539,966	Sterling, C. B.	Bells	May 28, 1895
533,926	Stewart, J. B.	Railway signals, sectional rail	Feb. 12, 1896
537,555	Stiens, P.	Lights, filaments and carbons	Apr. 16, 1895
11,478	Stierniger, L.	Lights, incandescent	Mar. 12, 1895

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531,657	Still, W. J	Systems of distribution	Jan. 1, 1895
541,641	Still, W. J	Motors	June 25, 1895
539,832	Stillwell and Brownman	Cnt-outs, mechanical	May 28, 1895
535,084	Stillwell and Scott	Conductors	Mar. 5, 1895
527,461	St. John, G. B	Railway signal, block systems	Oct. 16, 1894
533,183	Storrs, H. C	Telegraphy, circuit closers, thermal	Jan. 29, 1895
524,003	Stout, G. G	Lights, arc, special features	Aug. 7, 1894
534,586	Stratton, S. W	Connectors	Feb. 19, 1895
539,396	Stringham, J	Railway signals, sectional rail	May 14, 1895
530,975	Stromberg, A	Alarms, burglar	Dec. 18, 1894
530,976	Stromberg, A	do	Dec. 18, 1894
529,818	Stromberg and Carlson	Telephones, magnetic	Nov. 27, 1894
530,208	Stromberg and Carlson	Telephones, switches	Dec. 4, 1894
533,619	Stuebing, W	Telephones, supports	Feb. 5, 1895
538,295	Swacick, J. D	Railways, systems, overhead, trolleys	Apr. 30, 1895
534,021	Swan, F. A	Conductors	Feb. 12, 1895
532,113	Swartz, G. W	Railways, systems, closed conduit	Jan. 8, 1895
529,212	Sweet, D. F	Cut-onts, electro-magnetic	Nov. 13, 1894
529,213	Sweet, D. F	do	Nov. 13, 1894
531,702	Swift and Maintin	Insulators	Jan. 1, 1895
531,450	Swift, W. H	Railways, systems, conduit	Dec. 25, 1894
524,357	Swoboda, H. O	Lights, arc, gravity feed, gear-clutch	Ang. 14, 1894
534,677	Swoboda, H. O	do	Feb. 26, 1895
527,901	Swoboda, H. O	do	Oct. 23, 1894
533,100	Swoboda, H. O	do	Jan. 29, 1895
528,997	Sykes and O'Donnell	Railway signals, sectional rail	Nov. 13, 1894
524,845	Symmes, H. D	Regulators	Ang. 21, 1894
539,099	Taintor, G	Telephones, systems, multiple switch-board	May 14, 1895
526,756	Tanner, H. J	Railways, systems, overhead, trolleys	Oct. 2, 1894
541,796	Taylor, J. P	do	Jnne 25, 1895
524,426	Tesla, N	Motors	Ang. 14, 1894
526,168	Thomas and Seward	Railway signals, track instruments	Sept. 18, 1894
539,154	Thomas, A. L	Railway signals, sectional rail	May 14, 1895
531,663	Thomas, G. C	Lights, incandescent	Jan. 1, 1895
523,491	Thomas, G. L	Railway signals, sectional rail	Jnly 24, 1894
537,133	Thomas, G. L	Railway signals, railways	Apr. 9, 1895
529,144	Thomson and Galbraith	Annunciators, drop	Nov. 13, 1894
529,429	Thomson and Rice	Lights, sockets and keys	Nov. 20, 1894
529,975	Thomson and Schmadcke	Alarms	Nov. 27, 1894
533,930	Thomson, D. P	Magneto-electric, armatures, drum	Feb. 12, 1895
534,729	Thomson, D. P	Magneto-electric	Feb. 26, 1895
522,241	Thomson, E	Motors, alternating	July 3, 1894
522,865	Thomson, E	Cut-onts, mechanical, sliding	July 10, 1894
523,019	Thomson, E	Magneto-electric	July 17, 1894
523,695	Thomson, E	Galvanometers	July 31, 1894
525,034	Thomson, E	Lights, arc, gravity feed, gear-clutch	Aug. 28, 1894
525,035	Thomson, E	do	Ang. 28, 1894
525,369	Thomson, E	System of distribution	Sept. 4, 1894
526,169	Thomson, E	Regulators	Sept. 18, 1894
532,838	Thomson, E	Metal welding, metal working	Jan. 22, 1895
532,839	Thomson, E	Meters	Jan. 22, 1895
528,188	Thomson, E	Inductorimms, transformers, stationary	Oct. 30, 1894
528,189	Thomson, E	Telegraphy, circuit closers, thermal	Oct. 30, 1894
533,931	Thomson, E	Regulators	Feb. 12, 1895
533,932	Thomson, E	Lights, filaments and carbons	Feb. 12, 1895
534,731	Thomson, E	Inductorimms, transformers, stationary	Feb. 26, 1895
537,498	Thomson, E	Lights, incandescent	Apr. 16, 1895
537,499	Thomson, E	Galvanometers	Apr. 16, 1895
537,500	Thomson, E	do	Apr. 16, 1895
537,501	Thomson, E	do	Apr. 16, 1895
539,453	Thomson, E	Magneto-electric, brushes and holders	May 21, 1895
539,454	Thomson, E	Magneto-electric	May 21, 1895
539,886	Thomson, E	Meters	May 28, 1895
540,035	Thomson, E	Magneto-electric, brushes and holders	May 28, 1895
525,874	Thomson, H. C	Annunciators, drop	Sept. 11, 1894
526,760	Thomson, P. C	Alarms, burglar	Oct. 2, 1894
540,340	Thomson, T	Railways, systems, overhead, trolleys	Jnne 4, 1895
529,145	Thury, R	Magneto-electric, multipolar	Nov. 13, 1894
524,361	Tilghman, B. C., jr	Alarms	Aug. 14, 1894
523,247	Tilmann, E	Magneto-electric, bipolar	July 17, 1894
538,136	Timmis, I. A	Rail way signals	Apr. 23, 1895
526,468	Tisdale, C. D	Railways, systems, closed condnts	Sept. 25, 1894
539,559	Tisdale, C. D	Alarms	May 21, 1895
534,732	Titcomb, R. D	Connectors	Feb. 26, 1895
527,301	Toole, J. E	Railways, systems, conduit	Oct. 9, 1894
540,341	Tourney, J	Alarms, burglar	June 4, 1895
538,983	Traphagen and Fitzpatrick	Conductors, house wiring	May 7, 1895

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527,254	Trimble, W. D.	Insulators	Oct. 9, 1894
539,838	Trebach, K. O. E.	Lights, filaments and carbons	May 28, 1895
539,712	Troll, F. J.	Magneto-electric, hand machines	May 21, 1895
534,678	Trudeau, J. A. G.	Systems of distribution	Feb. 26, 1895
530,808	Trudel, H.	Telegraphy, fire	Dec. 11, 1894
529,000	Tannard and Keays	Telegraphy, fire, automatic	Nov. 13, 1894
531,664	Turribull, R. J.	Railways, systems, closed conduit	Jan. 1, 1895
533,251	Turner, F. A.	Telegraphy, fire	Jan. 29, 1895
522,440	Tyzell, J. H.	Railways, systems, conduit	July 3, 1894
530,293	Ullman, I. W.	Cut-outs, mechanical, sliding	Dec. 4, 1894
530,268	Upton, C.	Alarms	Dec. 4, 1894
538,359	Urruty, F. L. M.	Electrolysis, aqueous bath	Apr. 30, 1895
536,794	Valley, G.	Motors, hand-operating devices	Apr. 2, 1895
536,795	Valley, G.	do	Apr. 2, 1895
536,973	Valley, G.	Magneto-electric, brushes and holders	Apr. 2, 1895
534,411	Van Buren, M. F.	Railways, conductor supports and insulators	Feb. 19, 1895
523,822	Van Depoele, C. J.	Transmission of power	July 31, 1894
524,656	Van Emion, B. C.	Batteries, secondary	Aug. 14, 1894
535,149	Van Nnis, C. S.	Cut-outs, mechanical	Mar. 5, 1895
522,332	Van Vleck, J.	Cut-outs, mechanical, rotary	July 3, 1894
526,879	Van Vleck, J.	Motors, hand-operating devices	Oct. 2, 1894
529,433	Van Vleck, J.	Galvanometers	Nov. 20, 1894
530,141	Van Vleck, J.	Cut-outs, mechanical, rotary	Dec. 4, 1894
530,465	Van Vleck, J.	Rheostats	Dec. 4, 1894
525,169	Varley, R., jr.	Bells	Aug. 28, 1894
541,465	Vantin, C. T. J.	Electrolysis, fused bath	June 25, 1895
523,873	Veeder and Priest	Regulators	July 31, 1894
527,766	Von Brauke, W.	Magneto electric, brushes and holders	Oct. 23, 1894
523,697	Voorhees, G. T.	Telegraphy, lightning arresters	July 31, 1894
536,977	Votey, Flemming and Wood	Music, electric actions	Apr. 2, 1895
536,978	Votey, Flemming and Wood	do	Apr. 2, 1895
525,730	Wachtel, C.	Motors	Sept. 11, 1894
527,225	Waddell, M.	Magneto electric, multipolar	Oct. 9, 1894
528,243	Waddell, M.	Rheostats	Oct. 30, 1894
536,063	Wagemann, H. O. C. E.	Inductoiums, transformiers, rotary	Sept. 18, 1894
526,064	Wagemann, H. O. C. E.	Magneto-electric, multipolar	Sept. 18, 1894
538,090	Wagner and Schwedtmann	Cut-outs, thermal	Apr. 23, 1895
523,026	Waite, C. N.	Electrolysis, aqueous bath, apparatus	July 17, 1894
527,846	Waldo and Gooch	Electrolysis, fused bath	Oct. 23, 1894
531,078	Wales, T. C.	Telephones, systems, house	Dec. 18, 1894
522,925	Wales, T. C., jr.	Telephones, systems, central	July 10, 1894
531,707	Wallace, J. B.	Magneto-electric	Jau. 1, 1895
524,291	Walker and Wilkins	Batteries, galvanic	Aug. 7, 1894
530,567	Walker and Wilkins	do	Dec. 11, 1894
526,422	Walker, I. B.	Railways, conductor supports and insulators	Sept. 25, 1894
524,229	Walker, Wilkins, and Jones	Batteries, galvanic	Aug. 7, 1894
535,565	Walsch, W. H.	Railway signals, cab, sectional rail	Mar. 12, 1895
522,632	Walsh, P. J.	Telegraphy, circuit closers, burglar	July 10, 1894
534,414	Walsh, W. H.	Railway signals, cab, sectional rail	Feb. 19, 1895
529,954	Walter, H. E.	Telegraphy, fire, variable signal dial	Nov. 27, 1894
529,955	Walter, H. E.	Annunciators, step by step	Nov. 27, 1894
529,956	Walter, H. E.	Telegraphy, fire repeaters	Nov. 27, 1894
527,092	Ward, B. B.	Alarms	Oct. 9, 1894
539,840	Ware, A. L.	Railways, signals, cab, sectional rail	May 28, 1895
539,105	Warner, E. P.	Rheostats	May 14, 1895
524,009	Warrell, F. G.	Telephones, systems, central	Aug. 7, 1894
538,757	Waterhouse, A. G.	Regulators, compound, windings	May 7, 1895
524,758	Watkins, R.	Railways, general	May 7, 1895
532,930	Wayland, J.	Railway signals, block systems	Jan. 22, 1895
527,518	Weaver, A. D.	Telegraphy, circuits and systems	Oct. 16, 1894
522,500	Weaver and Weaver	Telegraphy, repeaters	July 3, 1894
523,027	Weber and Marcley	Magneto-electric, armature, ring	July 17, 1894
524,098	Weber, P.	Annunciators, drop system	Aug. 7, 1894
526,549	Weber, W.	Telephones, supports	Sept. 25, 1894
526,472	Webster, G.	Insulators	Sept. 25, 1894
525,037	Wendleboe, P.	Telegraphy, printing, multiple wheel	Aug. 28, 1894
531,707	Wessenberg and Wilbur	Railway signals	Jau. 1, 1895
531,709	Wessenberg, W. J.	Special applications, electro-magnets	Jan. 1, 1895
524,749	Westinghouse, G.	Lighting system	Aug. 21, 1894
522,948	Weston, E.	Galvanometers	July 10, 1894
522,949	Weston, E.	do	July 10, 1894
522,950	Weston, E.	do	July 10, 1894
527,034	Weston, E.	do	Oct. 2, 1894
529,434	Weston, E.	do	Nov. 20, 1894
529,435	Weston, E.	do	Nov. 20, 1894
530,145	Weston, E.	do	Dec. 4, 1894
531,669	Weston, E.	Signals, indicators	Jan. 1, 1895

No.	NAME.	CLASS.	DATE.
533,107	Weston, E.	Galvanometers	Jan. 29, 1895
526,825	Weston, W. S.	Lights, arc, special features	Oct. 2, 1894
538,569	Wheeler, F.	Railways, systems, overhead, trolleys	Apr. 30, 1895
534,536	Wheeler, W. E.	Motive power, dental instruments	Feb. 19, 1895
524,773	Wheless, M.	Railways, system, closed conduit	Aug. 21, 1894
534,238	Wheless, M.	Railways, sectional conductor	Feb. 12, 1895
523,701	White, J. W.	Telegraphy, circuit closers, thermal	July 31, 1894
524,973	White, J. W.	Telegraphy, fire, automatic	Ang. 21, 1894
524,011	Whitmore, F. C.	Motors	Aug. 7, 1894
537,876	Whittingham, G. H.	Rheostats	Apr. 23, 1895
541,798	Whittingham, G. H.	Regulators, resistance	June 25, 1895
540,010	Widmayer, F. B.	Railways, sectional conductor, mechanical closers	May 28, 1895
533,259	Wiegand, S. L.	Electric locomotives	Jan. 29, 1895
537,513	Wightman, M. J.	Telegraphy, lightning arresters	Apr. 16, 1895
524,366	Wilcox and Wilcox	Railways, closed conduit	Aug. 14, 1894
524,367	Wilcox and Wilcox	do	Aug. 14, 1894
524,368	Wilcox and Wilcox	do	Aug. 14, 1894
526,598	Wiley, E. C.	Railway signals, cab	Sept. 25, 1894
533,154	Wiley, E. C.	Railway signals, track instruments	Jan. 29, 1895
528,055	Williams, H. A.	Mills, magnetic separators	Oct. 23, 1894
530,315	Williams, J. F.	Telephones, electric	Dec. 4, 1894
528,053	Williams, W. H.	Mills, magnetic separators	Oct. 23, 1894
528,054	Williams, W. H.	do	Oct. 23, 1894
540,529	Williamson, G. S.	Annunciators	Jnne 4, 1895
533,979	Wilke, W.	Annunciators, time	Feb. 12, 1895
541,136	Willms, C.	Rheostats	June 18, 1895
540,477	Willot, C. R. J.	Telegraphy, circuits and systems	June 4, 1895
536,559	Willott, C. K. J.	Telegraphy, relays and sounders	Mar. 26, 1895
540,772	Willoughby, C.	Telegraphy, circuits and systems	June 11, 1895
528,245	Wilson, A. J.	Railway signals, sectional rail	Oct. 30, 1894
528,246	Wilson, A. J.	do	Oct. 30, 1894
531,284	Wilson, A. J.	Railway signals, cab, sectional rail	Dec. 18, 1894
526,170	Wilson, D. H.	Inductoriums, transformers	Sept. 18, 1894
533,938	Wilson, D. H.	Railway signals	Feb. 12, 1895
532,514	Wilson, R.	Regulators	Jan. 15, 1895
526,767	Wilson, R. B.	Railways, systems, conduit	Oct. 2, 1894
532,302	Windle, F.	Railways, systems, closed conduit	Jan. 8, 1895
524,659	Winslow, G. H.	Insulators	Aug. 14, 1894
526,172	Winterhalder, L.	Cut-outs, thermal	Sept. 18, 1894
533,108	Wirt, C.	Motors	Jan. 29, 1895
527,257	Wister, H. H.	Railway signals, cab, sectional rail	Oct. 9, 1894
538,005	Wolpers, C. C. G.	Railways, systems, conduit	Apr. 23, 1895
527,228	Wolverton, J. E.	Lights, arc, gravity feed	Oct. 9, 1894
527,229	Wolverton, J. E.	do	Oct. 9, 1894
535,971	Wood and King.	Railways, systems, overhead	Mar. 19, 1895
524,188	Wood, J. J.	Inductoriums, stationary	Aug. 7, 1894
529,437	Wood, J. J.	Magneto-electric, armatures, drum	Nov. 20, 1894
536,311	Wood, J. J.	Cut-outs, thermal, branch	Mar. 26, 1895
537,515	Wood, J. J.	Cut-outs, mechanical, rotary	Apr. 16, 1895
527,920	Wood, M. M.	Railways, systems, overhead	Oct. 23, 1894
530,569	Wood, M. M.	Railways, conductor supports and insulators	Dec. 11, 1894
536,250	Wood, M. M.	Railways, systems, overhead	Mar. 26, 1895
527,355	Woodhead, S. C.	Cut-outs, hangers	Oct. 9, 1894
530,553	Wooley, E. G.	Bells	Dec. 4, 1894
535,042	Wullweber, O. L.	Telephones, supports	Mar. 5, 1895
532,353	Wurts, A.	Telegraphy, lightning arresters	Jan. 8, 1895
532,354	Wurts, A.	do	Jan. 8, 1895
537,259	Wnrts, A.	Cut-outs, mechanical	Apr. 9, 1895
535,086	Wurts, A.	Telegraphy, lightning arresters	Mar. 5, 1895
524,014	Yakel, L.	Railways, conductors, supports and insulators	Ang. 7, 1894
534,025	Yetman, C. E.	Telegraphy, transmitters	Feb. 12, 1895
533,772	Yost, C. M.	Railways, systems, overhead trolleys	Feb. 5, 1895
533,836	Yost, C. M.	Railways, sectional conductors, connected	Feb. 5, 1895
529,152	Zickermann, F.	Systems of distribution	Nov. 13, 1894
523,613	Ziegler, J. O.	Telephones, switches	July 24, 1894
533,261	Zimmels and Bournonville	Connectors	Jan. 29, 1895
524,232	Zimmerman, F. M.	Railways, conductor supports and insulators	Aug. 7, 1894
534,592	Zimmerman, F. M.	Railways, systems, overhead	Feb. 19, 1895





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